MA/P36/HIE133
Michael ANDREWS

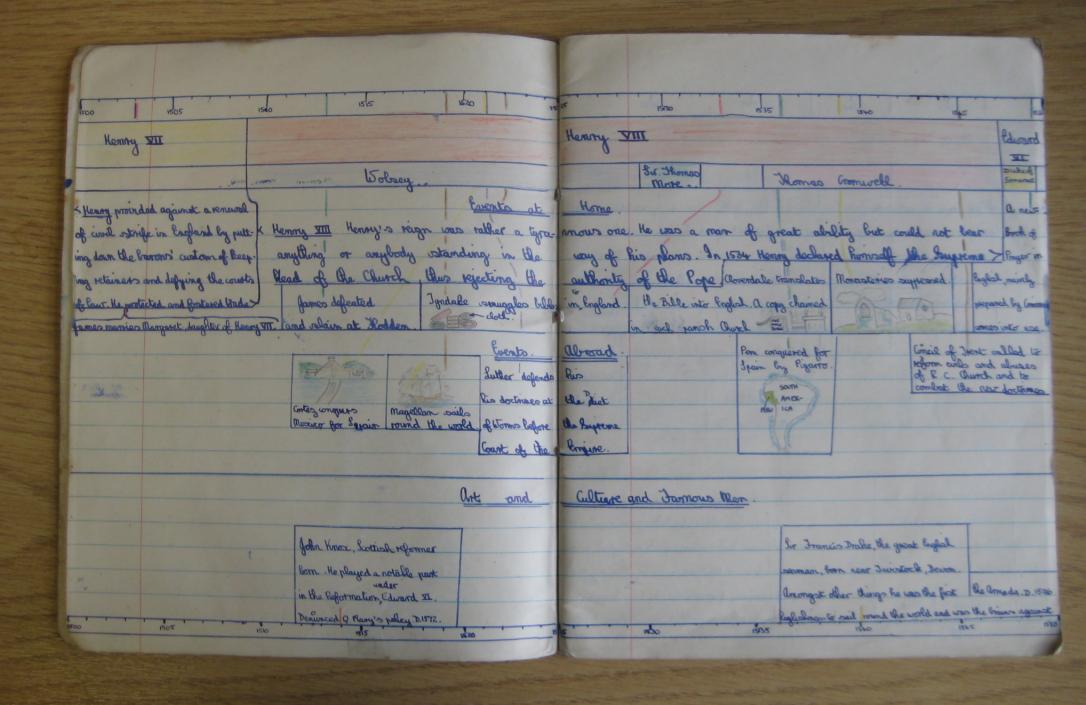
Exercise book - 1952-1953

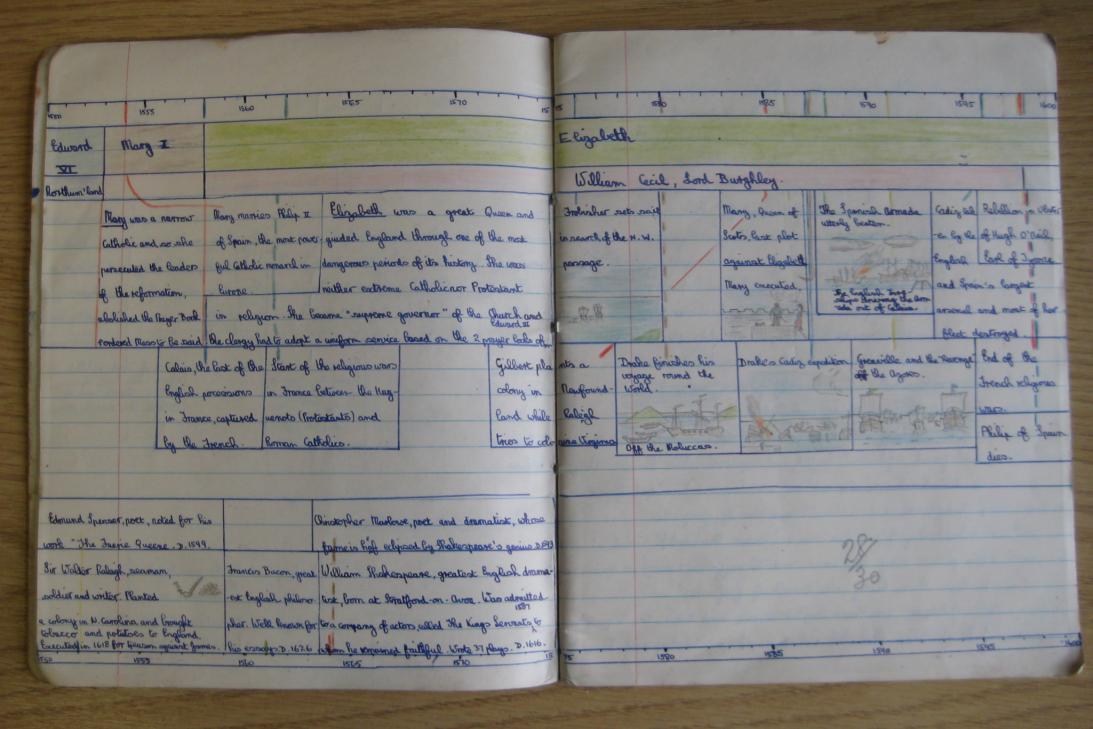
Taunton's School,

Southampton

E.1. TAUNTON'S SCHOOL, SOUTHAMPTON M Undrawin BUBJECT HUSTON

EJ.A. & S., LEEDS.





# The Gunpowder Plot.

5/0 The Captain of the Habberdier,
The Tower of Sondon,
Lordon.

Dear brother John, Nov. 6th, 1605.

I thought perhaps that perhaps you would be interested in an extraordinary treason plot that was discovered last night. I was just about to take a walk last exercise when I and about six others

were told to report to the Houses of Parliament.

When we arrived there we were told that we had to search the cellars under the Houses. Liter found nothing except a man who called humiself Johnson in a cellar where he soud he was storing and wood.

That evening, however, we made another records and this time bound Johnson booted and squirted. We thought that it booked surjucious and no we recorded him and found a tinder box and a small quantity of gunfounder.

Suddenly I had an idea. "Under the wood!" I cried.
We pulled away the wood and there to our honor we found as East than thirty-six barrels of gunpowder.

I heard today that his real name is guy Fairber and that

he has been tortured on the tack to tell the names of the other conspirators. They have been found out from other sources, though, and the names of the leaders are Robert Catesby, Thomas Percy, the brothers Winter and the brothers Wight.

Here is how the story began. In you may know, dear brother, the Catholics have been very displeased with his Majesty King James. When he first come to the throne own years ago he promised to abolish the fines against them and to give them better heatment. He broke his promises, however, and even increased the fines.

And so a party of Catholic gentlemen, some of whom I have already mentioned, decided to blow up the King while he was opening. Parliament, while a Catholic rising and a Spanish invasion were to follow. James daughter was to be proclaimed. Queen and all the computators were to next at a endergrows in Warbrick, excepting Guy Fawkes who was to said to Handers. It limit a house in Sambeth was hired, the plan being

Or first a house in Sambeth was hered, the plan being to lummal through its wall to the Houses of Parliament. Provisions were laid in and digging comenced but they found digging that it was herd work as the wall was nine feet thick.

Then came a stroke of luck. Percy found out that a man was moving from a house which had its collar directly under

the House of Sords. He hird it and he and the others gived to collar with gumpowder and their pictors and covered it will wood.

We went well until one of the conspirators wrote a little to his cousin, Lord Monteagle, who showed it to the King. The King're faller had been killed by gurpowder and so his suspicious hind soon kad the secret and he ordered the collabor to be secreted.

would you know the rest of the story. Please give my regards to your dear wife,

Richard

P.S. My Briend Rebert has just told no that that blackguard Towlson has just been hung, drown and quartered.



The House of the gunpowder Plat Conspirators a Sambeth



Jun Fruster Discovered

### The Pilgin Fathers



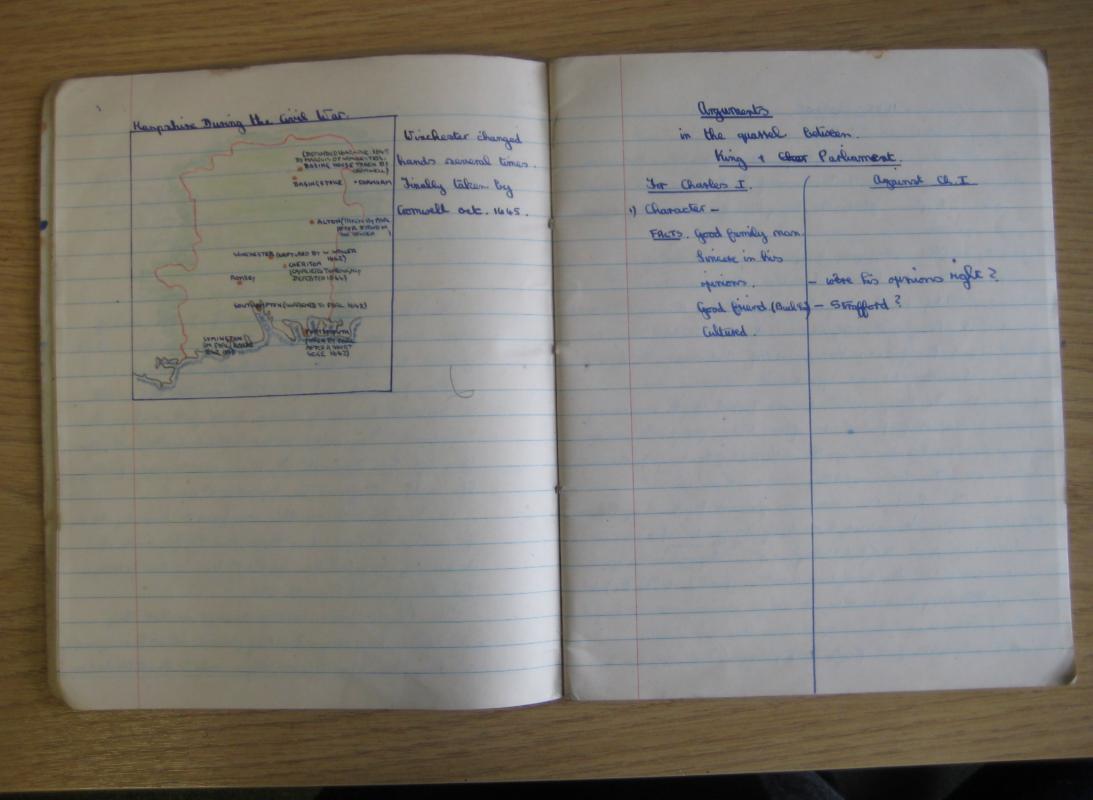
The Pilgrim Fathers were a group of Publians, some of whom come from England and others who came from a chief founded by John Robinson at Leyden, in Holland.

They first not soil from Southampton But had to call at Dartmouth because of damage to one of their ships, the "Speedwell." They visited on but returned to Phymouth where they light the "Speedwell." The 18 men and 24 women finally light in the "Mayflower on September 6, 1680.

On December 712t 1020 they were forced to land, by steen of weather, at cape cod in Massachusetto, for South of the windows which had been granted to them in New Jersey.

Here they founded Psymouth colony.

The Palgrim Fathers went to anches no that they might practice their whigien bour they pleased, inthout laws against it, and to have a home where their own whigher would be the established one.



	1645 - 1660.
	Pindo's rurge.
91.	the number and the distriction
	1 MB name of the Kepublic under Cromwell.
92.	Explain what the Manigation But was a why it was
93.	That was now bandyo in downey siered.
	Bloke's character & achievements.
94.	Who did the English people without makes a so really
95:	Pit was a Colored on the Hear Model Willy to
A 1.	and his friends turned out of Pakiament all those of
	and the first arrows.
	whom they did not approve.  6) The Rump partiament were formed by the remainismy
	6) the turns parament as Pittle surge It was so
	members of Parliament after Piede's purge It was so
	called because it was the till end of the Long parliament.
	c). The Commonwealth
A2	. The Rangation act was prosed by the Rung Vakuomene
	in 1651. It ordered that all goods must either come into
	England in English shops is to ships white the goods
	were made. He Navigation act was passed to hit We Dutch
	trade very hand and to act as an encouragement to English
	common a.
	3 Cromwell first bought in his seign in I schand where he
-87	on order medical services

took two strongholds, Drogheda and Weaford, his son infour conquering the rest of the whend. Gromwell frought about the bots (1650 and 1651) who were supporting the son of Charles I. He routed them at Dunbar and Worrester, both lattles being fought on September 3 ad.

The first Dutch War broke out in spring, 1652, as a consequence of trade involvy, the tecently passed Plangation Oct, the English involvence on the right of wearth, etc. It was retable driftly for the exploits of individual commandes like Blake and Jerry. The Dutch suffered severely from the effects of blakeade, but the war mused little populatily in England except in the fluit P.T.O and merchantile classes, and peace was conducted in April 1658.

As Robert Blake was born at Bridgewater, Innerest, in August, 1599. From 1640 to 1645 he was Bridgewater of Perhament for Bridgewater. He commanded troops in the parliamentary arrives, destinguishing furnisely By the capture and defeace of Fauntier, 1644-45, which

he held for marky a year.

In K49 Blake was given command of the fleets of the Commonwealth. A regular fleet had been organised by Prince Ruper. Blake done him into the Relaterranean and destroyed many of his ships. He commanded the fleet in the Dutch war and powed himself more than a mattle for the great Dutch war and powed himself more than a mattle for the great Dutch admirals, De with, De Ruyter and Van Jorney.

In 655, commanding a squadron in the Meditestorean, he annihilated a Morrish flest at Porto Farina, Turis.

He achieved his most tribbant freat in 1697, completely destrying a spanish aquation in the port of Teneriffe. He died four morths later, anyest 7, 1657, as his whip was extering Phymouth Sound on the return wyage. His body was buried in Westminster alkey, whence it was ejected at the Restriction.

The sould have deserved better of their country than Bake He was a great patrick, Rad perfect sumplicity, absolute contempt of private gain, humane care for his convades in battle, generally, Greaton from alution. He sacreficed his domestic Praguers, which was very dear to him, on the other of public service

A3 cox. The Commonwealth also waged war with I pain. Comwell attempted in a triendly way to secure for Englishmen the right to trade with the sparish advises; when this was refused he went to war. He taked to lake Hispanisha But captured Jameira as whited before Blake had a great victory when he destroyed the Stanish flech at Santa cray of Generally, in the Canary I salands. The New Model army also did well in the Sparial Natharlands and took Dunbeith

The people became tited of the Commonwealth Parliaments. They did not like the Puritans' does of closing theatres and estopping bear - Bailing. Because of this interference with their

daily life and habits they hated the Purtans as much as they had taked soul and his durger before another injustion thing was commell's experiment of duriding England into deven districts and placing each under a major general, it was to enforce order and to watch over the people's amusements

On the other hand, charles II was an easy going roles and in selegion he was very tolerant. He sestered from, should lands and the estates of Royalists later by the Roundheads orage in Incland. The Octs of the Eng Partieres up to the summer of 1641 were confirmed; that is to say, the much boted expecial courts, like the Har thomber, were derbided for over, and these could be longer a be imposed except by water of Parkiament

What was the Restoration Settlement and why was to it

The Restoration Settlement was made by Charle II guided by Sord Clarendon. Crown, church and Royalisto' Eardawhiel had been taken by the Roundheads were restored, except in Ireland. Only part of the New Model army was retained and the Utto of the Sorry Parliament up to the summer of 1641 were confermed, meaning that the much hated especial courts, like Star Charmer, were abolished and that larges could no longer be proved except by or rote of Parliament. The rectoration of land was quite fair except that if a person a land had beed sold by the Commonwealth the unlucky soul received no compensation.

The Parliament passed the Act of Uniformity in 1662 to
force the Puritions either to leave or to comform to the church.

The Common Parts Prayer Book and a the 39 articles were
to be the rule of faith, every numerator having to use and abide
by them or to vacate his benefice. Nost of them comformed

Harrows men in Charles I tergs. Sir ahristopher Wen, was born 1633. He was a great architecto and mathematition. His first designs were for Pembroke College (463) and the Sheldonian Theatre, Oxford (1664). He was appointed surveyor - general by Chales II in 1660, a post which he held concurrently with that of professor of astronomy at Osford. Ofter the Great Fire of Sordon (1606) he while St. Pauls and 51 other shundles in Gordon. He made a great plan for the idulling of Sordon, which would have solved to terrible problems of hap. Program building, but it was rejected. When the was broughted in 1672. He died in Sordon of on February 25, 1723, and was buried in st. Paulo, where is a tablet bearing to words "si monumentum requires, commessive: ( If you seek a nemonal, look around you.) John Milton. Born in Sondon 1608, he was a poet from the age of 10. When the civillwar broke out he wrote on behalf of the cause of Parliament. In the time of the Commonwealth he was Satin Secretary to Comwell. In 1652 he Became company totally Elind

### The Great Tipe, 1666.

Estracts from the diarry of a certain William Cotton, clothe merchant, of Fox Screet, Sondon, 1666.

September 2nd, The Sord's day.

Did leave my whip the "Dolphin" about 10°clock and not out for home. When walking through Pudding Some I wave quitap of author smoke curling from the whop of Marter transport of the shop of Marter transport of the shop of Marter transport of the shop of Marter transport of the transport of the form above me and perceived miniters there extruggling along the roof. I helped her, her husband, daughter and manservent to sofety and begged the madrerount, a comely laws, to follow. But she was used of heart and so perished in the flames, which had appead all over the house by now:

The houses in Pudding Lone, one of the narrowest and stricts in the city, had projecting storeys, and their woodwork was cooled with jutal. They fire spread as if carried by a thousand demonstrand soon Pudding Sane was as near to Hall as could be People ran with what speed trying to some dillher and animals and founties. I helped John Julleton to drag his belongings to Sic Mary Hill, a distance of about 300 yards, which took us no less than a quarter of a bour.

There we stopped and som bondon and the blazing informa. They and Awork, house and hall fell before the fire. He

Buildings were blown up to stop it but to no avoid the pury squitto of water which men did throw upon the fire did no good By eight of the clock the fire had reached the Bridge.

John and I spent the rest of that accurred day halping after to escape. All the time the shouts were hourd "It's the Dutch!", "lay, the Hend!" and "Get the Papiets."

And so home at about eight orderly, finding my dear info

September 3rd, Monday.

To my ship, for I had heard tall that the fire had spread along some of the whorver and landing stages Did coast off into mid stream, having called up a grew from an all-house. There the wind blew conder and floring sports and so we sailed down stream a little.

I appointed a good man, who claimed to have served under Blake, as captain and then went home, against the city walls, where I remained for the remainder of the day making ready lest we abould have cause to max. Had cold beef for supper, nighty fine.
September & D., Juesday.

Remared with my wife and family to the "Dolphin" before noon on finding that the fire was still spreading Cheapside, saint Paul's Cathedral and Guildhall were destroyed Testured to the whose in the evening and found that these had been much

plundering.

Soptember 4th, Wednesday

The Citylegate area. Removed back home. To the towern in the evening, where I found not the usual good sheer. I learn that 84 pairsh shurches, seplout 13,000 houses and 44 holls of livery companies had perished, not to mention the city gates, the loyal backange and, all the markets except deadenhall and many of the law courts. The only cheefful person whom I met today was a autother when who informed me of a great new plan of his for the replacement of dondon.

The Whigs and Joves, 1688-1750

The Whige party was the party which had be "upper hand" throughout the period with which I am dealing It was the liking, in 1688, after fames It had been driven out, who were largely responsible for putting tilliam and Mary on the throne. In 1701 it became clear that I wan arms would have no direct hair and Partiament decided that the cours was to go to a Protestant branch of the Royal Emily, the House of Harvier However, if the Strank "Protestant had assured the throne of they."

Could that it would be softe under him he probably would have recovered the throne when loves died, for the nation did not like the idea of having a german King. But he would not do not like the idea of having a german King. But he would not do not like the idea of having stronghened by the Hanoverian Succession in 1714.

The litings wanted to keep their power and so they teed to flex the Hanourians on the those for they knew that if the streets relied the Jones would come not power. In 1420 the litings found a great boder in Robert Walpole, who become Prime Minister ofter his martiful knowling of the Jouth Sea Bubble officier. Walpole's policy was to help England at peace and to keep the toxes down, so making ingland prosperous. He tage in power by seeing that only his supporter held buy positions in the Aurel, the Survices and the Sour. If a person was against trappale he would make no advancement. When grage IT came to the those it seemed that he Walpole might have to retire het grage IT found.

Explain why the Open Fields and waster of England were Enclosed that he was indespensible Harrier, Walpole's list for power brought him trouble. in increasing number at the end of the 18th contary.

Up to the time of the 18th century most of the land, in the triangle with its vertices at Lyma Regis, Scarlerfough and Sovestwort was under the three field y saystem, a remnant of Teudal England. The three field system was very wortful Each year one field lay follow and this produced no crops. It also ead field was divided into strips which had to have paths joining them and as need land was worsted that way. The form agricultural workers used very promptive methodo, each man plaughing his own pe strips of land and acceptaining his aceds of corn in any haplagard not of way. The cattle were very poor and so the pearants great few rook crops they had to be killed in the isister or also they would die. There was no urge to improve, as well In the 18th century the population of England began to use due to better medical conditions and so naturally now food was needed. The price of freed becased and so the Conditions inshed to make as much use of their land as they could They found their answer in the Enclosure System. Land hand been enclosed in a somell way for sheer in the 14th century that as but it realed to pak From 1700 and 1845. When the enclosure was carried out by holders who collected the stupe into one unit by agreement, the development was beneficial and there was no descontent. But the enclosure of common lands and the existion of peaconts with not endequate or no compensation for the racks of profits was bad. Hundes of acts of Pakisness dealing with enclosures were passed, most of them promoted by landloods to Egolise their action, but it was not until 1845 that an elect was possed designed to adjugated the interests of prosent - holders, when early all the agricultural land had already liver endowed.

The new nethods methods designed by Jull, Journshord, and the rest demanded the enclosure system. He first great proneer was follow Jull. He should that the yield of cops could be increased by proper cultivation to cradicate weeds and to also invested a seed daill. More important immovations were introduced by Sand Journaphend, who was often called "Jurray." He introduced artificial greaces and closers and the turnip erry and showed that a notation of cops, e.g. wheat, turnips, lastley and dozer, but the land in Better condition than leaving one field follow each year.

The improvement in factures and the way of turnings for inster feeding brought about a unastable increase in the weight of animals. The average weight of with rose from about 350lb at the start of the 18th century to about 800lb.

at the end of it to and, of other from 2860 to 10lb.

The improvement in feeding was accompanied by an improvement by selective of Greeking. Robert Bakewall produced the famous Executer breek of wheel and Chook as calling the # famous Durham cattle.

I should previously explained that enclosures were more collect becomes

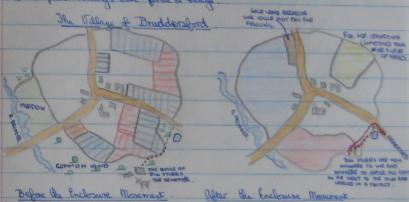
I the land was enclosed a or finest aft after the corn one so that the cost cop could

good introduct interference from animals.

The Increase of Endourse acts

Retween the years 1793-1815 when you conditions meant and high prices of

brokesure means and repletting up the open fields, meadow and often the commons into compact holdings with fence or hedge.



- The land of alguna Do' arry Robinson (Squire)
- The land of John yeoman (yeoman)
- The land of Widow Mite

18 20

The Transport Revolution. Absorber 5 th Oddber, 1951.

Thom the time that the Romans left Britain at the start of the fufth century to the Jumpike Trust in 1745 little was done to improve or free up the condition off the roads. Each person in the country was

supposed to work 6 days a year on the roads in his or her pareal but

pack- horse because the roads were to God for cooches.

In 1745, due to the 1745 rebellion and universe in trade, now making good roads necessary.

The Canalo of Hanagian Pritian. 11th October, 1951

When abtraham Daby used sope instead of sharroal in his back furnace at the Colebrookdole Januarks, Sharpshipe, in 1735, a change come over the transport as well as the ion industry for a means of transport had to be found in which bulk goods could be moved at a small cost. The answer, for the time being, until the restrays come, was the canals.

The first canal was built by James Brindley for the Duke of Bridgewater after heated opposition from the rose revegation monopoly. The canal was known as the Bridgewater Canal, was started in 1759 and opened in 1761 and pan from the Duke's coalmine in Worsley to Manchester, including the aqueduct which atill capter its voter over the Inval.



THE BRIDGEWATER CANAL CROSSING THE IRWELL.

Brindley was a remarkable man. He alres extended the Endoguater and which like the med second to the Messey and Theore and Messey carral was also his work. He would using looks and did nost of his calculations mentally, as he waste with difficulty. Brindley patented an improved also mengens in 1138 as well. It

was a genus but his salary was often under I a wast.

Ofter the first analy extificed cateriarys were made trast numbers,
all by different firms who did not attempt to the link them. Thus
a nerthant might to have change his grows from barge to large around times on a journey.

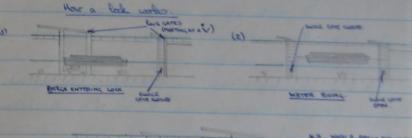
The canals joined places four inland to the isea and uso great inland ports rouch as Monchester came into being. The great cities of Soudon, Sweeperd, Hull and Bristol were joined towards the end of the canal period but the canals were little used.

then the conal reached a till the engineer could either use looks or build a turned. Build built one of the carriest canal turneds at thereastle from 1767-77 on the Trent on and Mersey canal. They begge could not be pulled though the tennels by horses as on the open canal but had to be propelled by leggers" will their feet against the walls.



I book is a device by which a barge can be reved from one beel of water to another. Thomas Tollard was one of the great engineers who weed looks. To him also goes the distinction of Bullding many roads in Britain, including the Carbolle-Glosspour and Holyhead Threwsbury roads.

the Merai and Conway Endges and the only two government spoored or canals.





The conals acrosed their purpose well. They carried the new materials and as non and coal to the industrial action and took the finished products to the parts for export and distribution. Then, in about 1820, the railways, a more aconomic of and quarker, began to expressed. To the canals had outsted the part houses and river noughtion companies, so the railways outsted the conals, which fell to their present form of decay.

20 V 9000

FUN OF CHARLET

" Top view of gates.

## The History of Railways.

Before the coming of steam bosomotion.

The first railways appeared in german minus about 1650

and then spread to use in English mines and foundries. They provided a deaper and more efficient made of transport than an ordinary cost on an imperfect road. The first trusts were propelled by men but later horses were used. By the end of the eighthearth century many such railways were common in Dirtain. The Datholys' normalisate of college transports at collegeonables, for example, had about twenty we miles of railways, all of which were horse-drawn. The early railways also were used to form at conals and to make loading and walcooking cariet. The treat and thereby canal satisf had railways in use in 1911 which were built in

The realways were at first but respond to be like the roads in that anybody could use them. The first and roulway was built in 1801 and ran from Wandoworth to Craydon But it was only for hore drawn vehicles.

The first roubs were only wooden ones but as the traffic Browne greater flat won plates were fitted to the faces of these to Passen. We heavy war and lear and cost of replacement. Then all won tooks were used, appearing in cumberland in 1738. They were cost in slape and had an application 2-3 inches high on one side of each roul preventing the whells of the truck from leaving to track

In 1789 William Just Quit a track of this iron rails will the flangers on the wheels of the vagous.

2. Why the Railways did not spread or first

a Many people thought that engines which ran on amout rouls would not be able to pull heavy trains and that the only arriver was an engine auch or Blankinson's (1813), the first engine to be used commercially, which had copy on to which which fitted into copy or a roul

B. In competition with the steam railway there was the stomospheric which was put not practise in South Devon but failed because rain recepted into the vacuum pipe.

CRANK
TO CARCIAGE
LEARNING HELD BY CRAINS
TO CARCIAGE
TO CLOCK CAP WHERE
CARLINGS PASSOCIACIE RAIL SCHOOL
STORM ENGINE.
THE CORD.
STORM ENGINE.
THE CORD.
STORM ENGINE.
THE CORD.
STORM ENGINE.

SIDE VIEW OF VACUUM PIPE TOP VIEW OF VACUUM PIPE

c. Parliament & failed to grant souchion to railways at first because it was influenced by the wealthy mones of anals and temples. Squires and and other band owners and sometimes, industrial town protected against railways so they thought that they would spoul the occurry. It was also believed that the agrees semula would beight the expetition

and that the origines would acase the cattle are much that the milk yield would decrease! Parliament encouraged would and rival companies. It rather than a wide-viewed, comprehensive dealing on a national basis, for it fraved managedies.

d. The Preas was, in general, very hostile to the railways. It roud that anythody who travelled in week a dangerous machine at such a rate (about 20 m.p. l.) was in grave danger, predicted great disaster for all secret a few railway investors and finally satisfied that of the bosomotive where the bosomotives did noved they, would be too heavy to nove.

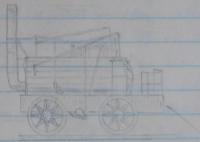
3. Early Commotives and tailways

Although proposals for reteam carriages go back to the late 17th antiny the Birst one to achieve over limited practical success seem to be that of agnot, a Frenchman, in 1770. It had three whell, the front one of which was driven by two cylinders, and a maximum speed of 212 mp. 4. But stopped every 30 yards or was to get up more storm. Its down was sealed when it overturned in a Paris street and its linkless investor was arrested.

Villian Murdock, the muentor of gas lighting, made a highly sourcessful model in 1784 but the real pioneer was Richard drevilliale, who worked on the problem from about 1797. He produced seeveral moderately successful road carriages and they consciused the idea of applying his our method of houloge to the radinary. In 1803 he built a bosmotive for the vorworks at Coloborholds and in 804 another for

the Pen-y-Darran wormsthes, which pelled 10 tons of one and 10 parranges at 5 m.p.h.

Other Examples Engineers followed. In BIS William Hedley built be famous "Puffing Billy which proved that alsom treation on was not only possible but also a commercial poposition. It was the first to run on smooth tails and was still in use in B65, a smarkable instance of the excellence of British workmanship, for marky the whole of the was carried all with board opposited tools.



HEDLEY'S " POFFING BILLY " 1813.



STEPHENSON'S " ROEKET" 1849

George Stephenson was the greatest of the early railway engine builders and the man whose Paramatives made railways repense to all other forms of transport. He made his first locamative, for a coll-

- very, in 1814 and schoolly afterwards made the important immovation of chimney black. By conful analysis and brilliant workmanship he rapidly improved the efficiency of his engines until in 1825 it was his boso "Socomotion No. 1" which housed the train on the first public railway in the world, the Stockton to Darlington Railway . It publed twenty two passenger trucks and twelve goods vagors at nearly 12 m. p. P. That railway had been intended promoting for the trainport of goods but the novelly of being housed by a bosonative appealed so strongly to the popular imagination that im a short time after its opening a passenger coach was added, which carried now made and makes outside, and a daily service between bothlish and Darlington introduced.

The station and Darlington railway proved a great arrecess and it was not long lefter other lines were constructed. The most important was that between Swengood and Manchester, a distance of about so miles. In 825 a Bill had been just before Parliament to rearrition a railway joining their cities but had been defeated. After the success of the Station - Darlington railway and aided by an expeditive of \$27,000 by the railway interests, a second Bill was passed for the railway in 1826.

a competition was held by the directors of the company for a proper of \$ 500 (in 1829), which was to be given to the builder whose engine gove the less results and conformed with certain conditions. The winner of

the compilition was good george Stephenson with his Poolest", which on the necond day of the trial, pulled 30 passenges at 30 m. p. h.

On September 15 th, 1830, be railway was opened by the Dube of Wallington, then Prime Minister, a worderful procession of 8 Coamotives, all built by Stephenson and very raveful, delighted the estimated and The rateom railway was established as the primary made of whord transport for reachly a certary, although due to expection and high price which the railway companies had to tay for land (the Bulest railways cost reachly time as more per viola as those of any other country) by 1838 only 490 miles had been laid in Britain.

### 4. The Railway Morris.

Between 1842-47 wild appendation took place in military shakes and was known as the Railway Mana. The immediate success of the first railways induced financies to project lines even where there was no economic justification and abaseds in the companies they floated were eaglety buight by all classes. Hundreds of bogus concerns were formed and meseron uneconomic lines were bought up by company promotes and their alaxes appeal to an early imposed upon justic. It the high prices affects for railway boldings of any does description the shakes of horsest companies were fortastically inflated. Towards the end of 1847 the Room collapsed.

a permanent result of the radius maria was that these popularies districts were record by lines which otherwise might not have come into

existence

5. Parliamento The government took little interest in the railways, however. Gladestone, altitude to in 1844, first bothed of entirealization, a inter which came a century later, authorized land parameter enforced confusion to cater for the 3rd class parameter and persued a policy of safety first but little close was done.

In 1846 the condition of 200,000 navores engaged in railway construction deallenged public attention and a committee, appointed to inquire into it, experted. Preventable accidents use whown to be common and housing abonimable. So impressed were the inquirers that they boldly redominated that the railway compares whould have to fay compressation for accidents, usegos whould be raid world and a Special Board whould reto any new toulong that did not provide proper accommodation for the narriers.

During this time analgametrons continued and by 1844 the condition was not gradity different than it is now.

6. The "Battle of the year gauges"

although Stephenson built his railways to a uniform gauge of aft 812 inc. - the gauge used on the old horse transays; - it was not then completery for other undertakings to adopt the same under between the rails. It was only after a prolonged fight, sometimes called the "lattle of the guage gauges" that the standard gauge of after 812 in made conjuderary by act of Parliament.

Some engineers advocated a Broader gauge. I cambard Brunel, who was

expensed engineer to the G.W.R. in 1833, Built the Souden to Bristol rowling writing a Tet gauge It was argued that such a gauge would be englished it would take Erocadur trucks and transfers more goods, and higher appears could be reached.

It was a mound argument but notating hack the freezight to see that trains of after companies might be required to run over the broad gauge track. In due course after railways brought branches to the same took that were served by the Great western and so passenges had to change trains if they would to continue their journey on a different system. Brunel, however, continued to build broad gauge tracks and at look the public demanded a sufflement of the problem and a looky Commission was affected to go fully into the question. The legal recommended the use of the narrow gauge because it would be for easier to convert 300 miles of broad gauge track land so miles or so of narrow gauge

For remature the Great Western maintained its old policy but when borhament passed the groupes act, fixing the standard gauge at 4 ft . Et ing it turned to Oxford to Burningham Branch into niced gauge by adding a third toll of the standard width. Other postions were gradually constituted until the task was completed in 1892.

7. The Railways' act, 1921

During the First Great Wat and after it until legent 1931, he great bulk of British rabays were under government control. Grew revenue increased because the traffic was very beauty and large successive increases were made in passenger force

and pends rates. Vorking expenses, however, " nexecused will more display owing to the propersent of lingles rapped to the employees and the institution of an 8-boarday. In 1920, while the grown knows was doubte what it was in 1913, the expenditure had uncreased more than three times, and the total rut recoupts of the costabled companies from all sources had fallen from \$ 45,600,000 in 1920. The Mrs to \$ 8,900,000 in 1919 and to teas than \$ 6,000,000 in 1920. The pre-vor nexus sufficed to pay an average of about 400 on the whole capital invisited. But of 1920 was less than half required to next the fixed interest on the delenture and rest darge extents.

With the object of restoring the financial estabellity of the railways, and putting tem again on a disordered earning basis the ministry of transport was formed by an Oct passed on August 15th, 1919. One result of its efforts was the harbsays Oct which become tour in August, 1921 and was directed shiply towards, (i) reduction of expenditure by economy in nanoperast and administration and by the dimension of the boso bossess attributed to wasteful competition between the different conjunies and (2) increase of personne through higher danger, to be extent recovering to bring the railways to be possessiven of early-supplying conserval undertakings.

The Oct grouped all the companies into 4 groups named the Couthern, Great Western; Godon, Midland and Sottal ; and Lordon and Both - Carlon.

#### 8. Public Ownership.

Under to Transport act, 1967, inland transport, un other than by in, and port facilities passed into public averable. On January 100, 1968, all main

Rice tailouses and most of the semall liese, as well as the dondon Passenger Transport
Board, passed under antial of the British transport arminismon. British transport
retack to the the value of some of 1,005,000,000 was vasued in compensation
to railway and areal stackdodder. In place of the four main-line railway
company explains, the railways were divided into a regions: 6 cettach; Porth Earling,
London Midland; Western and Goulton.



G > GLASGOW, E \* EDINBORGH.

THE = BERWING, HE + MENICHETER

CH = CARLISLE + N = MANCHETER

TH = BIRTHINGHAM, CM = CARDISE

TO = DOUGRETTER + NO = MORVICH

R = RENDUNG + L = LONDON

E = EXERCE + G = SOOTHAMPTON

KEY

BRITISH RAILWAYS REGIONS.

#### 9. a Few Statistics

denghill of track in year Britain is 19,860 villes. Approximately 1,250,000, 000 passenger journey are made yearly while some 962,000,000 too of merchandras and minerals (none than half wal) are carried. Train inclease run yearly totals 373,000,000 value and there are in use about 20,000 bornatives, to 000 correspondent 1,200,000 wagons. Total staff 635,000 van and women.

O. Electric Railways

The no first railway to electrify to live was the City and South Lordon Railway, which, in 1840, destripted to line between Sondon Bridge and Stockholl. Two years later the Liverpool Overhead Railway was built as on electric railway for intern Parameters could not be used those because of the danger of apollo firing the docks.

Many training now were bring electrified, mostly in the London and London Landon Lando

The South Contern and Chatlam incluracy found it recessory, in 1925, to form an independent company construction which laid about 60 miles of truck

In 1931 the Weir Committee published to report and was unanimous in fewer of complete line electrification It found that under conditions of railrows working in great Britain electrification would reduce the cost of operating the

railing ayster, and, therefore increase the officering of its words of the nation; it would be reduce the everage shadele running time of man line trains; by increasing the bulk use of electricity it would reduce the cost of electricity; and, finally the dearliness of an electricity and finally the dearliness of an electricity and finally the dearliness of an electricity and finally the standing population. In 1932 London was linked to English, boothing, Postancial and South area and Took and to English traction and in the case year the Manchester, South Junction and allienchair Railway, jointly award Bry the L. M. S. and L. M. E. R., was cleatified

On electrification achieve is still in course of construction on the shipfield to Manchester line of the Eastern and lott Eastern Regions. The situate covers some nevertly-five wills of couts and when completed all passenger, goods and sureral traffic will be writed by electric textion.

11. \*Soconatives

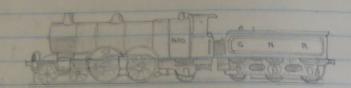


STEPHENSON'S LONG BOND LOCONOTIVE 1845.



CH. H. EXPESS LOCOROTIVE IS IN

\* Les also the "Rocket" and Puffing Billy "on a Histories page



9.N.R. "ATLANTIC" , 1908 .



The down "White Rose" near Harringay, in charge of "A1" 4-6-1 No. 60120, now named "Kittiwake." Photograph by F. R. Hebron

TWO BETWEEN-THE-WARS LOCOS



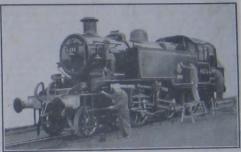
The southbound "Northumbrian" leaving York for London. The "A4" locomotive is "Andrew K. McCosh," working through from Newcastle to King's Cross. Photograph by C. Ord. York

(SIMULAR TO THE "GILJER TURILEE" BUD THE "HALLARD"(1938)
WHICH HOODS THE WORLD'S STERM SPEED RECORD OF 126
B. D. B. ) \* (1935)



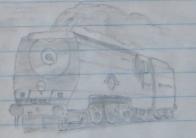


A quaint little saddle-tank, No. 1331 of the Western Region, withdrawn recently. It was built in 1877 for the Whitland and Cardigan Railway. It is shown at Porthywaen quarries in 1947. Photograph by S. W. Baker.



Putting the finishing touches to Crewe's 7000th locomotive. This is a 2-6-2 tanks B.R. No. 41272. British Railways Official Photograph. (1950)

Jank cogunes carry that coal and valor neighbor on their framing and are thus and contained units. They are used for branch line passenger trains goods and alumbing.



"MERCHANT NAVY" AIR SMOOTHED PACIFIC TYPE 1945



FRET HAIN LINE DIESEL STELTBIC LOSO, BUT INTO SERVICE ON THE L.M.S. LINE IN 1948.



THE "ROLLPLANE", A FRE-HILL EXPERIMENT HAND CLASCON-THOSE BALCARY, WHILL CAN CARRY 12,000 PROSINGELS AN HOUR, MAY SOLLY THE FROMEN OF SHEDDERN TOPPETS.

R. Rolling Cosches.

The first salway cooks had at bakes and the practice of using third class open correges soo common it! 1850 and even later or some transil lines. Tim gened four wheelers the cook progressed to be enclosed as abother, then the first boyes whicher consider, introduced on the lott testion; 1885 to the boyes carriage of today. The boyes whicher were five I willmans not as the today. Bradford service in 1874. These po Pullmans were the princer little are but were enter-doted by two years by alonging solvens on the last and treat cost parts to be taken and to be of the open to the princer cases parts to be taken and to be the princer cases parts to be taken and to be the princer cases parts to be first example of what become now, - line practice in Great Britain. Third-



STOCKTON TO BARLINGTON BY COACH, 1826



THIRD CLASS OFEN CORCH, ILO.



12. RAILWAY COACHES.

FIRST CLASS COACH, 1840.



FIRST RESTAURANT COACH, 879.



OF A SOUTHERN REGION DOUBLE-DECKER COACH

class divers
class skeping
Ofter 1815 continuous
British passenger
1889 was about

40+



all pouches suspended from the ground standards at Harrow ...M. Region) being picked up by the 8.30 p.m. ex-Euston "West Coast Postal." appeared in 1871, third cap is only 1927.

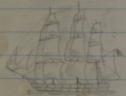
brokes were fitted to let of about and the let of make a four

Haylung - for c. 1800

Jailing ships

In 1760 ship were sold in the line of development from the days of Drake. Most trading woods were of about 300 tone burders.

The lost Indianes trult specially for the trade ranged from 100 to 1,000 tone except from 181186 to 1797 when the last India company was fortest to wor knows, with unexpected waters, who there was a scarcity of naturally bent timber. Obout 1710 copper was first week to whealthe ships' bottoms, and thus frequent convenage could be abouted.



AN EAST INDIAMAN, 1815.



A TER CLIPPER, C. 1860

With the discovery of gold in Colyfornia in 18049 and the Australian gold rush a year later, the lefter ship, which had been abovey developing whooly in the United State of America, soulderly got its opportunity. These clippers were first built to correct the gold readers. They were nade of early wood and burgine charger, though set so stong, and were five or via times as long as their beam. Their speed was

much greater than that of the artist whip. The end of the Hampatter and gover these American research the apportunity of entering the Enter to trade from the soft was ones, even permitted Ented Euclides to produce better ship and american competition began to derivated. The Evid their put an end to the Hambery for four years and after 1866 american shippinds did not rever to as that notion times to attention to internal reconstruction and expanses we disord.

Many infrarements were node to the souling ship, for example the using of more won framework with hardwood planting and later hulls made totally with non and saled, going operator strongle with tens weight, but they were fighting a Rosing lattle against to saleon ships. Their fate was finally useded when in 1863 the absormer "Robert drive" delivered an undamaged cargo of tea, for before it was thought that the saleon would damage to tea, and in 1869 to though the canal was opered. It was ready impossible to rough a dept why through the Patter and it was found that it was deeper, to take a steamorthough is thought to roul a dipper to much that it was deeper, to take a steamorthough is thought to roul a dipper to much the cape of good Hope. In 1874 the dipper work caused to be built and were transferred to the Australian today, where they continued to roce the worldern word." It the end of the 1944, andway.

The first whip to arrive at her destination first get the length of the market, and, movemen, the quicker the journey the letter the anather of the cargo, for the deliverates when stowed this at to transmission or races of the clypers. For example, in 1866 to British clypers took part in a race from Swelver to London. They was nothing of eachother well the "Area" and the "Jaeping " reached the Channel.

The pass became tirrific and the "area" reached her destination to minutes before the other.

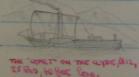
I lan Ships.

The first ships powered by setting were very weigh devices. John ditch of the U.S.A. for example, in 1785 designed a whom first drown by an endless chain of firsting learns, a work of revail back trook, and later adopted a set of poddless recognitive these weed in an energy. He also suggested jet -populaion in 1790 and the name system was proposed on numerous accounts and even tried out by Rumsey on 1793 accorded in drong a jet -populaid first on to Potomac at 4 m. p. t.

berious proposals were roads at paddle-books down by engines of the Newcomen and Walt type, but without notable sources until 1788, when Miller and Immynington built a paddle-book, which on trad on Dahwadon dook tracked a apred of 5 m.p.l. Ignington carried on the work and habt the "Charlette Dundon", which in 1802 bound two to—low larges 19 2 miles in air has against a headward no obtong but no other weed on the canal dated to move.

In 1807 Robert Fulter, an american who was a country according approach ording experiences on cate to relations and annual topics, another of sensation by staming 150 acts from New York to allowing in 32 hours. Hereafter reterm nonegation on the water of the U.S.A. node topic progress and was thouse throughly established in 1815. In Ortains progress was abover the about 1830 and in 1815 the country had only 20 alianus. One of these was the "Cornet" built by Bell in 1812, was 42 feet forg.

Birmaia' Bao.
House Mone.
The Rick Generals.





MODEL OF THE "CHARLETTE DUNDRO" ROZ.

In 1819 be "Sarannah" crossed be altarte in 29" boys wher and and return But only 89 at bour of the voyage can with return. The first alternations of the attarn of the voyage can with return. The first alternations of the attarner "Capacas" in 1827.

The was a worden front with publics driven by independent engines Built in bright bright by the Dulet and used on the breat Indian wail reservice. In 1833 the stanner "Royal billions", part - and by Samuel waard, the founder of the award line in 1839, did the tone-Altonia privacy in 25 days, as against the "awarans" math. I year later four ship, the Simuel be "Great Western," be "dwarped" and the Royal William, "consul that see owners, the whortest time foring to days.

In 18+3 the portion of non shop was solved by Brunch, who fault the "Great British", a great advancement, for way lated that to be transfer out from the Brigariung. We carry attained use of word, and were the public since as worden ship with set about up to the substation of the a source. I so salips also are lighter for the source dimensions, offer more corps space, an stronger.

Ofter the "Great British" ion whip trans common. In 1863 the first shall value was founded and from 1814 which amplitely reflected ion.

In 1858 Brund Around that much higger ressels can be finite with in with his yet "Great Eastern," the Pargent dup built to that late the dimensions were bright 692 feat, brown 83 feat, draught 25 feat and grees tomorge 13, 415 too side was a recoverand paddle visual and cost about at 159,000. She crossed the Altertic in 11 days in 1860 but was found to be too supervisive and was later simplified in 12 days in 1860 but was found to be too supervisive and was later simplified in laying the day attentic cable. The abor laid the drank attents and was not repelled to be much later.

be Bomboy - Suez cable, and the fourth and fifth Alterntic cables. Sold by auction for £ 16,000 who was moved to the Many and Groken up, be materials being sold for about £ 60,000. The "great Earliern" was really about of the times but it did not have arough power for its great bulk.



THE "GREAT CHETERY", 258, 18, 95 Ems, 692 feet long, vron,



S.S. MADRETANIA," 1907, 30,000 LATO, 762 Best long. M.B. Ar provision for earls,



THE "TURBINA", 1894.

although the North Atlantic crossing bulked very largely in the public eye it was

expectation but to was quite a short soute and objection seek die to be feet that woulding must be done about the long-distance toutes. The route must be up to did in was long and count about, and, moreover, jut no moreoja the ship mass' partie. I dant so make by the look dedican government, which can a service from Bridge to drug. It bug the route was continued arehand over the inthus and the not of the journey woodore in railing ship.

Then the Countralar Line - it did not become the Personalar and Orient Line with Reportation with the government analogy pockets, and in 839 pained brands with the East Indian Terrice. From the late of to incorporation in 839 the P. and O. Per certical mails to India and Egypt and from 1832 it has had the mail contacts to Chapterials in the reason are not so large as those of their routes as they have to go through the drug const, alich only accords of a containing can experient.

Competition between the versions sources had a big replicance or aureliability diagnosisted it was appearant to that the flations being on the allertic service would seem in an energy of a windless of the prosecution of our desirable to be fault and in the late 1800 to the service disp was built for the beorgeon - U. S. A route with a gross townage of 10,000 and a report of 20 horsts. Very soon town-althorate value concerted 20,000 loss and 23 knots; while the tenther engine was rectarded to hierarch makes desirables. In 1907 the 20,000 loss and is about adapt. "Sumatoria" and "Sucretaine" were proveted by them.

The first we man to power a safe by a tertime was Parana, when in 1897 he constructed the small bound "Turbina," which constited a secrection at that years

local leview by reaching a speed of 34 Broto, 7 Broto forter than the speedical destroyer. In the following years the terbine was tried in oranions weared by the Many, with and no success that in 1905 the admirably took the decision that terbines whould by used exclusively that terbines whould be used exclusively that terbines whould be used exclusively that terbines whould be first merchant weed was built with a listing, in 1901, and soon turbines were excepted as the best drive for all fact stips. From 1904 Persons discloped the system of driving populars though reduction graving and thereby made possible the use of turbines in whom copys vessels.

Some companies decided that whip of large wise and extreme confort, with noderate affect, part better than the record-treakers. The long distance lines were naturally more conservative in their design and whomer in their development. All lipes Benefited by the discovery of the outlies of the cruser star instead of the overhanging counter, although it was not generally adopted with after 188.

the Dusal internal conduction engine was introduced for ocean-giving carpy ship by Daniel and British Endless in 1912, and proved to possess many advocations for artain type and trades. In an alternature oil feel was substituted for so and under the bodies of artain atomos, greatly reducing to hunker repair required and the sign of area recessary and groung for better trades.

During to First Great War to British and Omerican governments Built a very large number of transp type ship which flooded the market when they were put on the scale but after the armistice. Technical improvement was thus trivial for some years.

But the desire for bursary and speed in passenger lines had not died and the German "Breven" and "lurope" (now the "aboute"), 52,000 tons, the Italian "lea" and "Conte

de Service, 51,000 and 48,000 tro, the Head "hormandre", 83,423 tro, and the word white Star "Queen Mary (81,235 tota) followed one after each other in rapid succession each in to turn breaking the attentic second.



Journage new 50,000 due to retitling . Sength = 937/2



THE "REX" 51,000 tops.



THE " MORRANDIE" 82199 TOD, 1029 feet Con.



"The "Queen aligabeth" was, completed during the Sand Goat War, was used as a brothy before nating her meiden voyage as a passenger bier in Oddber, 1946

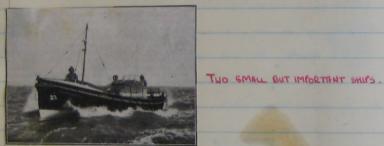
Between the now carpo livers and set tankers to carry it in hills were also greatly improved in daign. The conjection of Dwall populain bought good reposements in steams engineering, while electric drive, with current generated by luthries of or Dissal engines, gave excellent results. It was not until some year after the First great War that the improved hall line of brouge oplaty reduced their final

Ofter the Second great War leve was again in the wartest on occase of transp type slips bulk by the British and U.S. governments, although fact transpositional for regular service had also been bult. Turneous nor time parties we found voge and continued in peace, while full advantage was taken of mustific experiments made officially. The great improvement of aluminum alogs in their resistance to correction at seen led to their adoption for very parts of the sty and to were of plastics became general



80, 673 ton, 1,031 feet long, a service yeard 29 knots





The life-boat at sea. The vessel is the twin screw light Liverpolype of life-boat stationed at Seaham.



A Scottish herring drifter leaving a northern port at sunset.



10,500 to 485 feet long

#### TWO SHIPS OF BURDEN



A BRITISH TANKER

A CHANNEL STERMER



T.S. "BRIGHTOH" MENDRIEN-DIGHE FROLY, 2,875 GO, 311 feet long.

### Royal Mail Lines

The Royal Mail Lines was distorted in 1839 as the Royal Mail Steam Packet Conyany. They pear later it obtained the mail contract to the West Indies and a protrigally service of parties estervice was instituted from Halmoult. In 1851 the service was extended to South american poto Diving to crown war to company's vessels were used as temport Extensions were made to Morocco, the Canary Islands, and Madeira, and in 410 he conjung juriloshed he Pacific Steam Navigation to Ottor lines were absorbed and now has a flast operating to most parts of the world



Early British arrangle of World Wor II

There four most famous Bittel fighter early in the second World War were perhap to "Spittine" to Hurmane," to Defront and to Beauthofter the four arrosp which were mainly used in the Battle of Bostain.

The "Suffice" was a single seat day fighter and was directly defended from the seaplanes which won the 3 director Toply Cup for the laid time in succession in 1931, but some features of the Heinkel 1130 had also been added "The "Spittine" was designed by R. J. Netchell to engines by Rolls-Proge and it was produced by Supermarine. It was the plane which the Germans ment feared, having a seperal of about 365 m.p. S.

The "Hurricone" was also a ringle next day - Eighter and was made Buy Hawker. Its speed was about 40 m. p. h. less that that of the "spline" But it destroyed be greater maker of hostile average

"The Botton-Paul "Defront" was priminarly a night fighter and was about writge in baining to gurs in its wings but a turnt believed its orbest. It was a single engined, two exater aircraft and lad a vaped slightly less than to Murriane The "Beautypher" was a general time engine writings and was made by Bristol. It had a crue of two and its amount consided of four canons in



Education THE CENTRAL BUTHOR ITY course of Queen Victoria for the Board of Education - continuation of the Educational Department, to Saine Ministry Committee of Pring Council on Education - formed by the the leading man of it was Sir and art Department and the Educational tower of the George Commissioners. consideration of all natter affecting the Education of the People fames may - muttlewarth, who established the right of inspe in it all aided schools of the pipel. In 1902 School Coords and School attendance Constance was admissed, of Edumaintenence grants for whools, ea. teacher register, made the teaching profession rest attractive, decreed tended State and to other Kliggars communions and planned and di- people many experiments to demodrate infrared methods of teaching RES 9 1890 GROWTH OF STATE FOUCH TION The Butter act modularisas Government made a The Trades act, 10- consider by the consolidation act, gave order the English educational grant of Szaroco for supplier it unified the control The Decharcal Institution Goster's act or be Elementon, Education school building to the powers to Each education authenties & education inthin each area British School Soute 4 Out empowered coursels to act act up elected rechool boards will power to provide for the physical as well formed education in Anse to Rational Society as needed, education of duldien levy atom of not more than to raise money from local rates, at districts propressive stages, from from 2 years of ago. It roused the id in the round in aid of where school accommodation we insufficient. cocondary and further and gave the local authority rever grant increased by technical vastruction. provided country callego for Chiquous teaching was non-de- rominational. \$10,000. when up to the age of 18. to raise it to 15, a power never abolished from for secondary The Socal Taxation Oct allared an act mode it the duty of the Education in publicly franced possent to use that every dild received element - any education in reading, withing a withheater from to returned assistance son all reducts, and presed the the vegetial contributions raid to school - Coving age to 15. the Coral auttorities for the Beer reading, worting and spirit dulies. to ages of 5 to Ralfour's ack, as well as abolishing school Boards, made the country an Oct made obscalion or country borough the authority for all forms of education Social authorities would also prooide grammar schools. SYSTE MS The British Island Society, Journal 1808 and the National From 1861 to about 1900 be "Payment by Rosults" register was school Society bothed employed the monitorial system weed by which a master would be raid by the number of Goys by which the sensor Boys barne from a marter and who passed from his standard to the neat. Standards the passed on the information "parrol faction" to the younger bay. Winter was done on whater. graded rupils by ability so that after loup of differing agas were together. although Earning parot Asolin was bad, it produced bratiful copy- plate writing.

Trench and British in Canada, 1748 - 1756.

Overer

Ov

Write a letter from a young gentleman of Boston to a friend in Virginia deciding the Boston to party and explaining why he hates the Boston was the much.
Plymouth House

Beacon Street,

Boston, Moss.

December 17 14 173.

Dear William

I thought that perhaps you would be interested in an incident which happened here yesterday. As you know at times feeling here has been high against the British. The Leven years than, which ended in 1763, lead left great Britain will a lead of start. The landowners, who dominated labament, were rective under the heavy too on land and

insisted that we in the English colonies, wholed pay at float some of the cost of the army which tape in America. And we it was decided to raise revenue by the value of storage which would be necessary to validate order trustices papers and which had to the affected to all newspapers and paperhilate. To soon as the that came into operation, in the approag of 1765, it must servere apposition from all us advants, for, alltough we recoiged Bulliais right to govern our trade to a certain extent, we did not think that who had the right to tax we expensibly as we were not represented in Parliament. And so their were great demonstration. Inflament could paraded the crooked street of this city. Agosts were forced to resign their afficients balled adamps were burnt and the Oct rullyful. Merchanto formed norunportation associations and by the summer trade with Bulliais was at a sland - settle. In 1967 to the Oct was repealed.

The repeal, however, was accompanied by a Declaratory Oct asserting the full sultivity of the British Parkenent over the colonies. The blated English Conditions continued to propose for relief from toxation. That some year, therefore, acting on this hint, a new character of the exchaquion. Charles Towardand, led the toward temperature in imprainty a duty on body gloss, taper, point and ta. At once we again mised whenever protests, although there were no disconderly demonstration on these were at the Story Oct. It was unanimously reached to we no English goods and to pay no debts in England until the Oct was repealed. And so women from substitutes from tox, distinct would properly and forware west unpainted. In this city the enforcement of the regulations provoked vidence. When customs officials escupint to collect duties they were set upon and handled roughly by the populace. For this, 2 regiments were dispatched to protect the customs commissioners.

The prosesses of British toop in the law, endersomed "Produce to protect the customs commissioners."

Provided towards. One day in Planch 1710 a severable fight became a not attack, the order was given to the substance for and those badricions bey dead. This attorious action good agritator collections.

molerial. Seeing no other way out Parbament decided to beat a strategic retreat and repealed all of to Towardend duties except the "lea lan", which george I kept on in that to beer up to

Then followed a three year geried of salm. It was to colon typic to whether though. Samuel adams, a Harvard god graduate, had manufile been organizing a movement description our country which would long together all the anti- British and rade them arraions of their insportance. Last right the movement estruck its first Blow.

Three whips of the Past Ordin Company Ray at ander in Boston Marbour. Each was lader with tea, which was to sell at 3d. a pound, whereas in Britain it would have then a whilling. alarm suspected that it was a trick to collect loves and so he and about 50 friends (I among them), disguised as Mohawk Indian boarded the whips, reject open to the cleats and powed their content its the was. Our action, I am were, will hearter all the ante-British in these colonies and I voon, I think, we will be independent of the fat English money requesters who have not the guts to come here and try to nake money for themselves but nit laying in large manuous living on the toil of men like you

Hope this letter finds you will, your old friend

The american Resolt and Why it succeeded

1175, Burlan Hill & Soungton, Ok Swagton 12. The folly of running a loss from 3,000 all the first book of the now now dried to be start and at the sense to the hour dething to the anchorately proved le colonido from today a minution rotas. the British. and were find upon a non nerious appair was the battle of Bruker's Hill when the British tried to regain the same but only did so after boney Geres. The Ontice Godly underestimated to textics. Instead of craying up the love stope toy peak attaligic importance as it ammended

the lad

strategy of

Billian Post

omnand of le

away . They george had conserved a plan of colonies from to reat. He may describe if the effect to General House and to General Burgayere, but those to How for some mason again arrived. and ar Burgayere had to togeted to come out his order surger - landed, out knowing that have were not coming. He was greatly mainbook in points by the large years, the trapping of the well directly attack of be everyly trop and so we found to numerate at sampling springs. If they had been one man of ability in command in america to world

In 1778 Hend declared war against Britain & Capara to help the colonists because who would severage for the loss of the Tyeors war and a year later train followed must because of towers to aid her america gives control of the sea. On a want of this, when Cornerallia took up a defense position on to perinente of Horkton or help gon the me Portide Hooy was Continuing. The march blockrided to post while the answers held the reck of the remarks. With no supplies oming though Consollis bung on as long as he could but had

4 The Janus of Washington, Where the Citics had no ion to repor commander to ance to so had an ideal are in george his hingier. a supprison who had brught against the "sand in a highly travel nother or an import commander. alled to ynabolished determination. Despite all Good, tay tething a sono - he had a show a found the council teapherter that days to energy oretorious and later to beams the United States of anorus's good previous

George Washington.

George Washington was in term on Hornary 22 rd, 1732, at Bridges Greek, on the Potomac incr, Watmoreland county, Virginia, to son of a prosperous flanter whom thinky had empiralish from Northamptor to Virginia in the 14th costery. His father died while he was a child, and his achooling was inequilar. at the age of 16 he went to live with his hother at Nount Vernon and was there appointed ruble currency of supper bounty at and at la age of 21 rajor of & Exal militia

Loving adverture, the wilcomed in 1753 to difficult vision of crossing some 600 rides of frests stelling hattle reliens, and of serving notice on the French that their forts on the lestern tando were regarded as an encroadment. He was revailed, in 1755, by an appointment on to eloff of General Braddock, who was sent to wint to Freed . Braddock's force was destroyed, but tradingto to intropolity in arresting be rout carried for him a high reputation

Returning to Nant Verson, be estate which he had inheretal, Washington organized the Viginian forces for defence against the Irdians. The about resented military warries and when in 1759, Vashington married Martla Custio, a rich indow, he gladly resigned to command and devoted himself to be administration of her edutes and to purely local politics.

In 1765 difference between to British government and the aronico become ocute. Washington's plan to boyset all goods on which Great Britain levied towar proved was venecesague as to call their repeal will bed of the dissocious Stary Oct, though the too duty was imposed. In 1774 he was elected to the first continental congress. At the outbreak of the War of Independence, 1775, he was given the ship command

During to war he was forced to whend much of his own fortune to whold on army to whose very to to social exchapter was friefully unequal, and made the excapagent of every other quested to fidure. Buildered by the party hatred which divided congress , be apost the first year in attempting to introduce

order its the middled openization of the arry, and to deal cremis on this are wide to this as my of le conforced to order to toops to retreat; to passage of his any for day dated, where he had been defending New Josh, though the Control River, although it was followed by a most which toward this conney into an rabble, now an indication of his spirit; it was followed by a brilliant overlay at motion, December, 1776, the full that virtually soved to about too after defeat, and by a resterwhole at Philaton, New Jerry, January 1777. The affect of Bandgire, Extender, and gernantoum, October, 1777, lowever, congenialist le British

The exceeding which tracking to passessed over his toop we demonstated at Moment, June, 1778, where, though he was betrayed, Vanlington tired an inglorious defeat into a section. The surrender of Burgayne at Boraloga, meanwhile, second thely to change the course of the way But soo followed by a blow from which Warlington barry wowed - the defection and tracking of Bearles and one of his not brokent officer. Myer andie, who was associated with arreld, was angle and Rayed as a spy, and tishington was subjected to nech odium for this ection, which, known Each full melting justification. Vashington was encouraged by la alliance Belvies the admists and France, concluded in 1778, and later by the support of Spain against the Bothal Believe Monmouth and fortetorn, 1781, where the surrender of cornelies outsally ended the wor, toolington was not

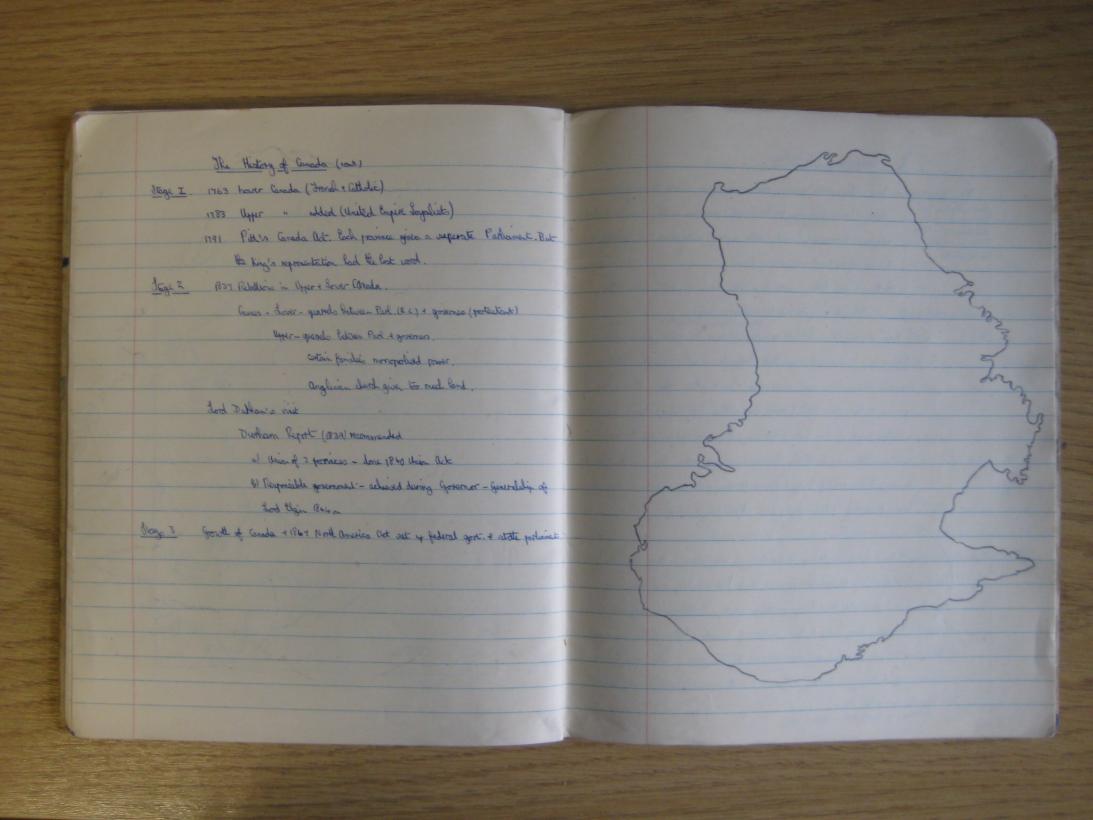
at headquiters, however, near new york, he had a taste to which he would doubtless have preferred be utnost dangers of open workers, for there he had to continue to combat the sabels formed against him, to hearten the frightened congression, to retire the prendering of mind torigo wildies without offerding the magness colorest, and to they discipline in an undescribed army. On December 23 rd, 1783, to suigned his commission and retired to Mount Verson. The retirement and peace for which he yearned were what in duration. Returned as a

Virginian deligate to be federal convolution of May, 1787, which was called to viet up the contestion he was inedutedly decled president of the convention and found howieff in the position of a dielater. His slighest suggestions were reight upon and made law; he had the largest part, unwillrighy, perhap, in the forming of the constitution, and we almost entirely responsible for its ratification. The office of president which it created was offered to him, and, washe though descrows to refuse, he took the oath of office on april 30 h, 1789, for four years dating from March 40, 1789.

Vashington was more than a figurehead in the first American government; to him are in large part due the wide power which became characteristic of the United States proseducy. against the spins and desires of many of the supportures to rullterally support suppressed to wholey insurrection, add will determination against the medinations of France, and whould we animosity against Great Better. His moderation, and his attempts, mainly wiecewalful, to arrange a comprovise between the holds parties of Hamilton and Jefferson aliesaled many, and lough to he was unanimously se-dested president in 1793, he had theresponded to endure many variorloss and columnious attacks. He refused to extend for a third term in 1797 and retired once more to Mount Verner, where he died middenly of a all dill on December 14d , 1799.

trachingles represented to later agos an honest absorbestness of purpose which had died in ancican politico, la whood out as de victor of the only great war with foreigners on Union I trood will, and be dief exector of a constitution which adisoned a stability and duration unequalled By any other write conditation





## The Australian Blackfollows

Price as Britains lived 25,000 years ago. No knowledge of metals. The by melbing white together.

Very privative - food; libes, coto, gamo, ofossum, hangeroo, masts, Omes. ro cultivation. horizo . Pore redles, surus for threat, arried porarison in delly Eggs. Rough Setter wapons - Boonag, browing with , year, where acces, too probabo, dels had not invested bows e arrows

dottes :- very little, sociationes a whin cloud or a both, after rolling

Customs + Pabilis + religios Each tribe governed by a chief or chiefe (son wrolyged animal god) Very superstitions, Educad in spirits, Ewni, le restor, demos apportions, apparance - Prince with mused shill, body grand with Exercise. adult married women pointed bosics with ripe-clay, e ped + yellow order. When a boy your up he had from well knowled out. also tad to tay on time a fine for a cotion light of time willout flooding. Physique aport adapted to desert conditions. Thin, rescalar bodies, type deeply set to protect them from the glass of the sur. Quer ideas of bruty - wounds forming patterns on liebs & check, eggtwo of front hair picked out by roots. Dead bined in hee

Describer - appear to be a moved race, Holay cleaned having a large allere in their compaction (Primiling adours of rikin a few whades from jet black ) all probably came from same word, though it is ormathable that languages differ greatly. Intelligence very low, this arthretical Erasladge Gring limited to their number of Engues. Although the Carguages of the native titles are so whom , were words are used by titles 1005 of wiles apart, industry a common original torque. 1.4. "course" or howere" is the same for water among selected tibe separated by wide areas. I secure of they

Meeting was akilled from any habit of minds by hunted a could instate. their cries no as to deceive the very orealines tomaches. Discovered Ene to be a very inqualitive tird bushed in two. One could bury hunself up to want a cover sepond part with an erra strong whilst a comparion hid bright near by in a dump of bushes. One in broken would note my off can Other can wave lineally wound groterquely. All engo as within being attracted by one Congelled therealise to go down. Appared & calle. Bhalipellow and detect reptiles by easting the Enhancement of Birds & supplied then selve with long by satching a bee, attaching a price of fleft to its body + the following to need to its him. Yet, for all their while, they were annatures glad to eat grubs, notto, anto + noto

Dangs: Ship corresponse or ratio dance. Sometime the dance represented the hust, and the dance would go though all the diagn of trading, finding, and making to till others they add to gight between 2 titles in Tulian Holian

Conducion: did not lake to undrection: population despect in 1900 nour about 50,000 mostly in Queendland, Nov. Ferr. 9 West auck. Plans-blooded ones almost extinct. Gold set stand up to the white new Not regioned the the item edicite Toursamans who gave now converted active

Ufrica - the exploration and partition which concern the British.
The dife and work of divingation.

David Turingstone was born at Low Blantyne, Lanakeshine, Scotland, on March 19th, 1813, the won of Neil Livingstone, a toa agent and a deacon in the Independent durch at Hamilton.

David's early years, after the age of ten, seek divided between a otto mill and an evening side of By dint of searing he be managed to study medicine, theology, and greek at Glangour university.

In 1838, influenced by the teaching of Sir Thomas Dick, he affected his services to the bords.

Missionary & oriety; and after attending the wedical solved at Claring Cross thoughted and gaining his deflore at Glangour, he wailed on December 8th, 1840, for South Africa to Join.

Dr. Moffet, whose daughter many he warried in 1844. She died at Shupanga in 1862.

Eight years he baboured in Bechvaraland, becking and virustring to the ratives. In 1849, with his friend and benefactor, it than letter Orwell, he crossed the talaland descrit, discovered tale Ngarni and partly explored the Zambezi. I reprised with a desire to the Indian Ocean interes with the sea, he next conducted an expedition down the Zambezi to the Indian Ocean (1852-56), a norsellow contribution to geography and the natural vivinces. In the course off it he discovered the Victoria Falls. After publishing his account in 1857, and commonly vivering his connection with the L.M.S., he appointed British consult at Quilmane. In 1868-64, with Dr. (bater Sir) John Kirth, he appointed British consult at Quilmane. In 1868-64, with Dr. (bater Sir) John Kirth, he appointed the Thine and Rovuma and discovered Lake Myasa. Then again visited England to advocate further expeditions in the interests of connected and for the supervision of the vision trade.

In Bits he started on an expedition to volve the problem of the Nile basin, worked from Milandani to the South of Sale Tanganyiha, 1862, and descovered Sales Mooro and Bang--well Sale in 1871, H. M. Stanley, sont out By "The New York Herald to discover when Lungstone was, found him in more need at Upin. I long mated in ball, disrigation request to return, and made further afforts to read the sources of the Nils. At Itala, on May late, 1813, to was found by his servents, thereing by his below, dead

It is estimated that, attended for the greater part of the line by only a few nature association 33 years the travelled over 30,000 miles of country littlet whenever to be that man. It was the first European to traverse the length of habe Jangarysha. His effluenced is examplified by the fact that the rotorious where topics to the suspended operations where the surgicians was in his neighbourhood. Having been embaland and aimed to be country in followers, the employer's body was orwayed to traderinster allower.

Cail Moder

Cecil Abordes 1000 a war of the Vivat of Biolog's Startford, whoe he was born on July 5 th., 853. Educated at the grammer school, he was went at it for the tendit of two health to Water, where his eldest brother, therbest, was planting often. They pend the diamond diggers on he bandes of he Vail flet winding up the cotten plantation. They developed to separate nines or pips. In Boers and Kinkelly which were may of individual daims. The receivable of amalganating he these trought thereof to the front, and after a long francial coeffect with Berney Bernato, he analysmating the nine under the name of De Boers is 1881, I

Ordered, graduating in 1881. That year he joined to be producent as mader for Kinberley. He entered it with a plan already general in his mind, to look that the creation of a Bertial Africa from the lape to the Zambaja. In his first section Ababes majurered the defeat of grigg, and under the counter remaining by obtained poer to

sear for laps Colony colod of Bechvanaland. Deputy commissioner for this country in

1684-85, he defeated Boar light of engancia by markerly regulations. Phodes could now

make use of the concessions he had seem secured from Lobergula, shief of the Matabale.

In 1881 he obtained from the imperial government a coyal diaster for the British South

Upica Confany, and pushed forward the well-organized expedition which look peaceful possession of Mashoraland.

In 1893, saids by the Metabola on the Har Mashona Grayle about a var, in which the latter tribe was defeated and a territory as large as strance of Germany combined under the administration of the company. President Kruger was now supported by Bristish territory except for Dalagora Bay, which Phodes had failed to purchase from the Portuguese. Prime Minister of the Cope since 1890, Phodes was precising the colony to extend to such any system to Pretoria, and effect a southway and austoma when with the Trenewal. But the parliament refused, and the wealth of the newly discovered goldfields enabled Kruger to Guild his line to Dalagora Bay and punish the colony for to and except the line to Dalagora Bay and produce.

The action sugged the Glay Edward Phodes.

Remembering his bloodless successes, thates concentrated the Abodessian police ear the Transusal producer. Enger gave way on the Dight question, but refused any concersions to the lettenders. There came the spicade of the January Caid; Abodes conenvance was proved; at and although on January 2nd, 1890, the day of January's rowerender, he tendered his prespection as per prime monder, and aboutly afterwards usingsed his managing directorably of the Battered Company, he was askedy

ground by both his Hour and the British patroments. He found works and solver in judding a Matabele sebellion which had broken out you les was of fameson so defeat. With no authority and no backing, except word jover, he was to the Matoppes and there regoliated a peac with the deep.

He went back to encourage industrial desidoppment in Chadesia, and in 1897

Justified pack policy on the ground that Kruger had deviced the majority of the

population error share in government. But this great of question had to be withed

by arms. Ot the outbrook of war Whodes at Kimberly helped to organize the defence

Hardship halped to break door his siteraglik, and after a painful always he died

on March 26th, 1902. He was buried in the Matoppor Hills.

In his imperialism Bodes was at once a discrety and a man of most impulsaive action. He attempted for much and life it under yet the prosperty of Bodesia or intresses his work as a founder of the British Empire. Though a financial general, he was probably not reversably intended in the fortune that he acquired, but he finds to realize that subordinate were not always suffices. He would not have understood Public Caroll's phrose, "put potriotion is not enough; when it came to justifying the unconsents."

- at if frame decisions which he took.



Livingstone exploring in a heart of

The Boer War, its causes and course.

Great Britain had, by treaty, the right of controlling the external affairs of the Transval, and, notices, had an interest in the affairs of the white population that had been attracted thater by the discovery of gold. The Boar povernment refused to give avice rights to these men, and in 1899 these uses protected regoriations a these and other points in disjute the agreement had been readed when, October I'll, the Boar secured an ultimatum, demanding the interface of the British to troops who had been seen or use on the way to South Africa.

This was hierarch as a declaration of war.

The Boers at once invaded Natal, and the the first engagements with place.

The Boer altillery was surpringly good and their textics by no means despeciable, but
the British regulars, about 4,000 in number, were excellent soldiers and both sides could

about successive. It Talana Hill and Elandolaagte the British were instorious, but they
not with a disporter at Pucholaan's Nell. Before the end of October, sir George white,
the community, and his small force were absoly what up in dadyrinish, around which was
an increasing army of Boers, while after invested British gorrisons on Nephring and
himberly. In November a Buttal army gathered at Cape Down and was wady to move
forward. Six Redoers Buller led the largest contingent to the relief of dadysmith; Lord
It offices with the Guards and Highlanders are out for thinberry, while between the two
tree General Gatacre. We not set defeat.

Hother and its action first. Ofter two skirmindes, Behand and Graspan, he would be translated to Hodder on November 27th. Across it the Bours were in strength, but he British coupled the enemy to recale their positions among the hills. Fromding further, Hollier delivered a right attack on some alterny Boar Rives at

Magneforther on December 11th and 12th . This was a total failure. On the process so day Gatacase is force had not with a second at Stornburg.

The topes of Britain we by the time artist on Buller. Having reached to type he attacked at Colerco on December 15th. The strength of the Boer positions and the multiply whill of their defenders, we enderated, and the went was to be one of 1,000 non and, much more currous, a thou to Bulish prestage. It was a slight out-off when in January, 1900, a severe attack or dedycant was treater that. By the time don't Potents and hitchear were on their way to south office Hearthile, Buller failed again at 5 pin Kop, on January 22 ad.

Roberts sent French with a mounted force to relieve Markety, and to trace sentered on February 15th. This prepared to vay for to rain more against to their free. Their retreat was out off and by french refuge in to dry bed of to Moder. Then with free to Battle of Pandulory, Whowarp 27th, which ended in the surrender of a coo Beer fighting one. Buller by this time was able to reserve this about on the Jugalla position. Upter Reary brighting, on Abruary 28th. This army passed bonds with the defender of Sudgewith.

Roberts but no time in following up his successes. Heing oraced the Group, he received to currender of Blomfontin a March 13th, while we appeal for peace showed that the Board grapped the realities of the attention. For six wals the British remained at Blomfontins, preforming from a further advance by charing the enemy from the regularization and making scaper the reality his to lape Jours. In these wakes Arabin he tret shows his whell; his chief successes were perhaps at James to Park and Redderslung.

On May 3rd all was ready for another forward more, in James to Parket actions. Protonic of reasons to the protonic forward more in James to Parket, and Buller

had about the Boers from Natal, thus opening up a converging line of attack on the Transmal From Netwise Roberts neved last to Konsti Port. Then Sydenburg and Barberton fell, barrength Boars almost intact a sationagloods. In Squenber the Transmal was formally annexed, and in December Roberts life the completen of the last to Kitchener.

During the aprican remover the Ever cause received. De 15ct as usual was Busy, and generally successful in his taids in the Orange Free State, as was Botta in the I ranswal, while the area of weather sepressed again to cape colony. Howards men were sent from England ash a number of flying columns organized. Ketalener's plan was to dear the worst areas of their inhabitants, gallering the somen and children rits so collect "concentration comps", and to that down the fighting men.

hilderer's organization extendely improved. His trailways became safter and better, and his mounted men more numerous and expert. He trajed cound to fore with a chain of Elockhouses and completed arrangement for operating away from the lines of realizary. This was proved when overtures for peace, which were rejected, come in July 1901, from the Boers broanders continued through the year, and early in 1902 the Boers captured 1971 them at I weekers, but in March they a shed unconditionally for peace. The the theory of Verceningian was supposed at Pretories on May 3 to 1, 1902.

The British troops had increased with the fighting force much have numbered 250,000. The Course were 5,714 hillest and 23,829 wounded, while over 20,000 died of disease the Pour way have numbered allegetter 75,000 and the hillest about 4,000. At the And 40,000 become year presence of wor. In January 1902 there were 121, 966 Boers in meentating

