

Activity Sheet 1 - Searching Data

Load a copy of Junior ViewPoint and open the file 'Events'

The first record card in this file shows the year 1930. This file has a sheet for every year from 1930 to 1995 with a short summary of the main events and achievements that took place during that year.



In the Sheets view, if you want to find out when men landed on the moon. Click on the **search** tool.

Type the word **Moon** in the important events box and confirm your choice. After a short while the record card for 1959 appears.

Question 1 Why do you think that the card for 1959 has been selected?

Click on the forward arrow icon to find the next sheet in this subset. This time the record card for 1966 appears.

Question 2 Is this the one that you are trying to find? _____

Keep clicking on the forward arrow icon until you find the reference to men landing on the moon.

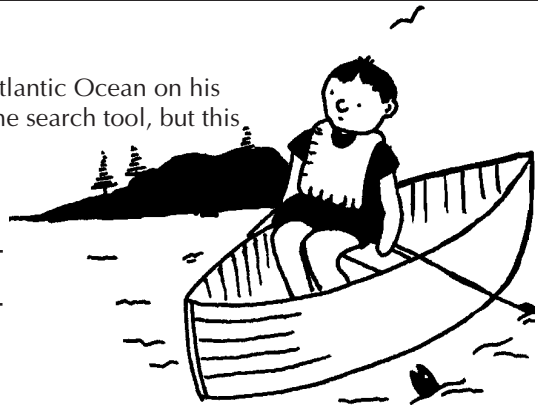
Question 3 In what year did this happen? _____

Question 4 What was the name of the aircraft that made its first flight in this year? _____

Task

Also in this year a man called John Fairfax rowed across the Atlantic Ocean on his own. Search through the record sheets again by clicking on the search tool, but this time type in 'Fairfax' to find any other references to this man.

Question 5 What else did John Fairfax do?



Question 6 In what year did he do this? _____

Now search for 1942 (In this case, search for 1942 as a number not a full date).

Question 7 Who was the Prime Minister at this time? _____

This man made many famous speeches. After the battle of El Alamein when the British eighth army defeated the German Afrika Korps in the Libyan desert, he said

"It is not the end. It is not even the beginning of the end. But it is perhaps the end of the beginning."

Question 8 What was the name of the British Commander who defeated Rommel? _____

Hint: Click on the search tool for each new search made. Use the All Sheets/Subset toggle button to return to the full database.

Some other questions that your teacher might want you to answer:

1. In what year did the jobless people from Jarrow march to London?
2. Write down two other events which occurred in that year.
3. Where was the largest tank battle of the Second World War?
4. Where did Anne Frank die?
5. Who made the worlds cheapest car in 1953?
6. Name the mountain that was climbed for the first time in the same year.
7. When did women start to wear tights?
8. When did gas from the North Sea start to come ashore in the UK?
9. When was the first digital watch introduced into the USA?
10. When was the 'Winter of Discontent'?

Activity Sheet 2 - Space Flight

Load a copy of Junior ViewPoint and open the file 'Events'

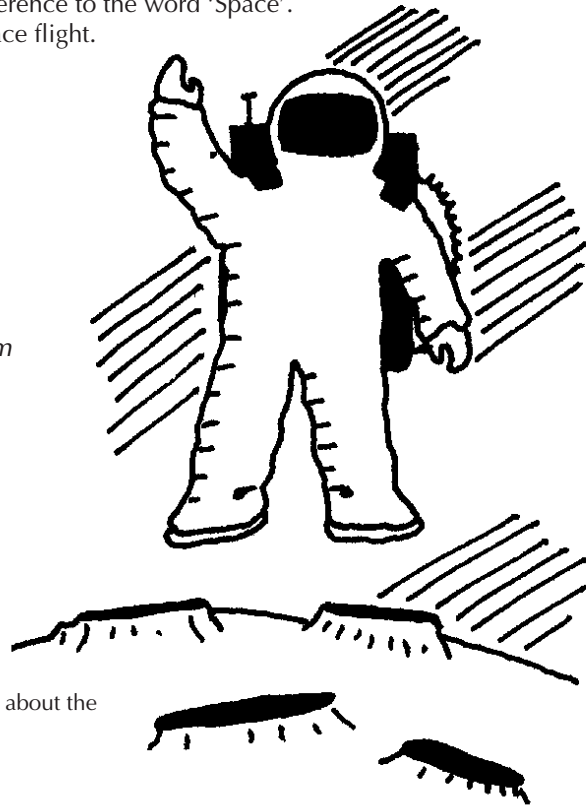
The first record card in this file shows the year 1930. This file has a sheet for every year from 1930 to 1995 with a short summary of the main events and achievements that took place during that year.

Task



Use the search facility to find every reference to the word 'Space'.
Write in your notebook a history of space flight.

Type in the word 'Space' and confirm your choice



(There is no need to mention anything about the Space Invaders game!)

Important events and achievements

Each record card in the 'Events' datafile includes details of some of the main events and achievements of that year. You may wish to look at the text from 1930 to 1995 on its own in the List View.

Activity Sheet 3 - Elections (part 1)

Load a copy of Junior ViewPoint and open the file 'Events'

The first record card in this file shows the year 1930. This file has a sheet for every year from 1930 to 1995 with a short summary of the main events and achievements that took place during that year.

Look at your list view.

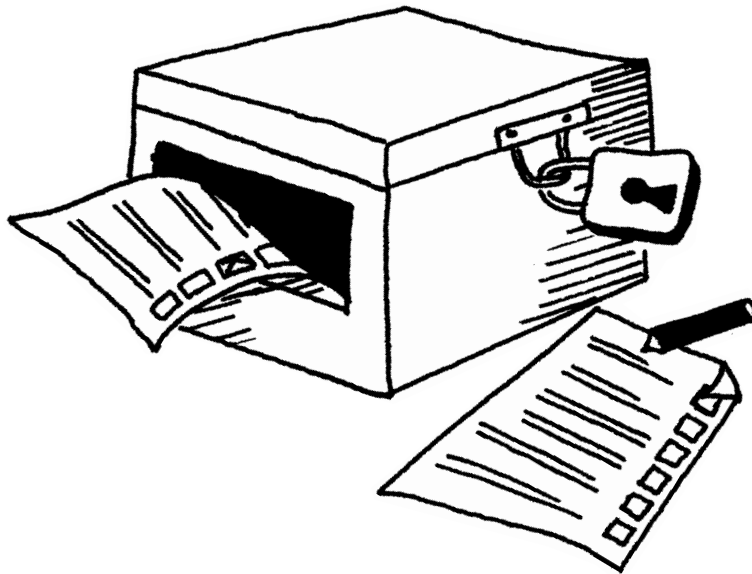
Remove the Events field by clicking on the column menu and removing the tick against that field.

Search for 'Election and choose Yes':-

Click on 'Search tool'

Choose 'Election'

Choose 'Value' Yes.



You can now see the results of all General Elections from 1930 to 1995.

All people over the age of 18 can vote in a General Election to decide who will represent them in the House of Commons, in other words who will be in the Government.

In the same way, do a search on the current sheets for 'Winner is Labour'.

Choose 'Narrow Search (only look in old subset)'

Question 1 In which years did the Labour Party win? _____

Note: Remember to use the scroll bar to see all the available data.

The greatest percentage (%) of the votes that Labour had was 47.9%.

Question 2 What percentage (%) of MPs (Members of Parliament) did they have then? _____

The last time that Labour won they had less than half of all MPs.

Question 3 What did this mean for the Prime Minister? (Choose one of the following)

1. He had fewer people to talk to than the other party leaders
2. His Party needed less seats to sit on than the other parties
3. His Party needed the support of some MPs from the other groups to get a majority vote on anything.

Use All sheets/subset toggle button to return to original order.

Question 4 How many General Elections have been won by the Conservative Party between 1930 and 1995? _____

Question 5 What was their greatest percentage of MPs? _____

Activity Sheet 3 - Elections (part 2)

Search for 'Election is Yes', then scroll across to the right.

Question 6 What was the biggest percentage of votes that the Liberal/Alliance Party achieved?

Question 7 What percentage of MPs did they have then?

Note: Don't forget to use the scroll bar!

Some people say that our present system of Government is not fair.

Question 8 Can you see why?

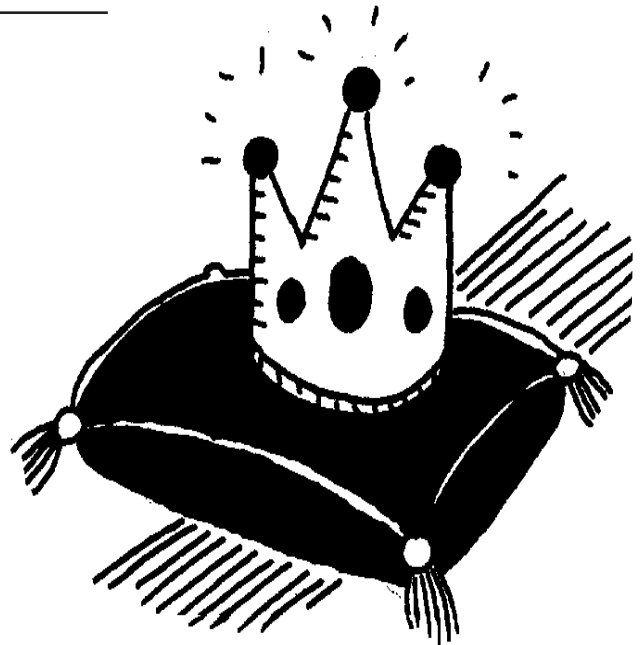
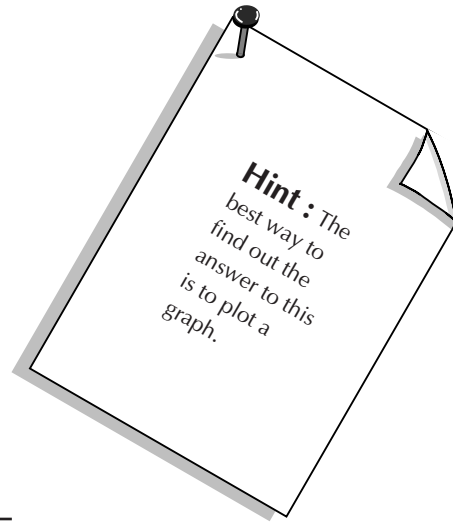
Kings and Queens

Look at the list view

Question 9 How many Monarchs (Kings and Queens) have there been since 1930?

Question 10 What were their names?

Question 11 In what year did three Monarchs reign?



Task

Write in your note book why Great Britain had three Monarchs in that year. You may need to look at some History books to help you with this one.

Activity Sheet 4 - Land use, Transport and Livestock (part 1)

Load a copy of Junior ViewPoint and open the file 'Traffic'.

The first record card in this file shows the year 1930. This datafile contains information on Land use, Transport and Livestock, in five year intervals, between 1930 and 1990.

Go to the list view.

Remove the following columns; Forest, Grassland, Potatoes and Wheat by using the columns menu.

Note: Remember to use the scroll bar to see all the available data.

In 1930 there were 2.31 million vehicles (lorries, cars, vans and buses) using 179.3 thousand miles of roads, and 7400 people died as a result of accidents (fatalities).

Question 1 Write a sentence like the one above for the year 1965.

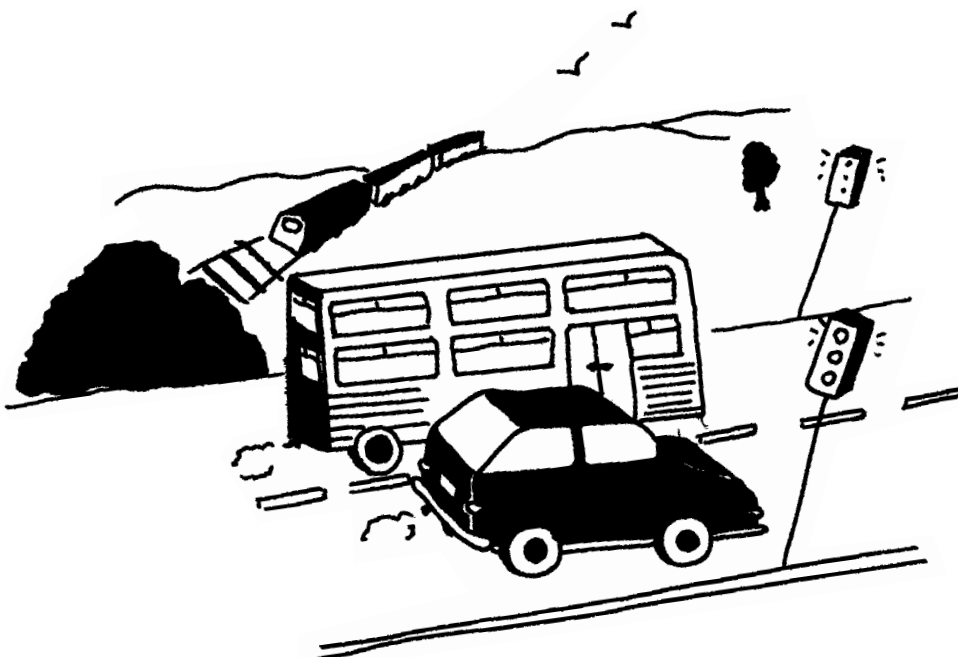


Question 2 In what year did most people die as a result of motor accidents? _____

Note: You could use the statistics tool.

In 1930, less than 3 million vehicles caused 7,400 deaths, yet in 1990 over 23 million vehicles used the roads, and less people died.

Question 3 Why do you think that was? _____



Put back all of the fields that you have removed.

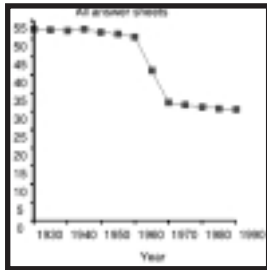
Activity Sheet 4 - Land use, Transport and Livestock (part 2)

Creating Graphs from our data

We will now produce a graph to show the reduction in railway track between 1930 and 1990.



- Select the plot graph icon.
- Select Year as X axis and 'Railway track open for traffic' as the Y axis.
- Select the line graph icon.
- Click on **Plot**. (Can you predict the result?)



Note: Use Options Scale to set the X axis minimum + maximum values (1930 - 1990)

It is now much easier to see the trend in available railtrack from 1930 to 1990 but the words and figures on the 'Y axis' - 'Rail track' may mean nothing to someone who has not seen the original datafile.

Edit the Labels on your graph so it is clear that the numbers shown are in 'thousand mile' units!
You can save your finished graph or print it out if desired.

Question 4 During which decade was there a sudden drop in the amount of track open? _____

Search through the 'Events' file for the name 'Beeching'.

Question 5 In what year was the Beeching report produced? _____

This report caused a 25% reduction in the amount of railway track available

Question 6 How many railway stations were closed as a result? _____

Tasks

1. Draw a graph to show how much land has been used to grow Potatoes since 1930 and then print it out.
2. Draw a graph to show how the Poultry, Pig or Sheep population has changed since 1930.

Look at your graph for potatoes.

Question 7 Did the 1939 'Dig for Victory' campaign of the Second World War have any effect? _____



Use the statistics icon on the list view to answer the next question.

Question 8 What is the average/mean area of forest? _____

(Remember that it is in millions of acres).

Activity Sheet 5 - At Work (part 1)

Load a copy of Junior ViewPoint and open the file 'At Work'.

The first record card in this file shows the year 1930. This datafile contains information on statistical data, Employment, Education and Trade Unions, in five yearly intervals, between 1930 and 1990.

Go to the graph view, and produce line graphs for the years 1930 to 1990, showing the following:

1. Unemployment
2. Female Employment
3. Male Employment

Label them with a title and your name, and then print them out.

The number of men and women in paid employment fell between 1940 and 1945.

Question 1 Do you know why?

Look at your graphs _____

There was a very large fall in the number of men in paid employment between 1970 and 1985.

Question 2 Was there a similar fall in the number of females in paid employment during this period?

If you look at the List view again for the production of Steel and Coal during the same period, you may be able to see that the production of these fell, but sometimes it is not easy to see this.

Task

Produce a line graph for either Steel or Coal production between 1930 and 1990. Use the graphs that you created earlier together with this graph to help you complete this statement.

High unemployment is always associated with the 1920s and 1930s. While this is true you can see from my graphs that unemployment was also a problem between _____ and _____. If you look at my graph for _____ production you will see that when unemployment rose sharply during this period _____ production fell. In the 1930s the highest number of people unemployed was about _____ million. During the more recent period the highest number of unemployed people was about _____ million.

Unemployment in the 1920s and 1930s was highest in the steel, mining and ship building areas, whilst for the rest of the country it was a relatively prosperous time.

Unemployment in Jarrow, which was a shipbuilding area was 68%. In Merthyr Tydfil, an iron working town it was 57% while in Oxford it was 5%, in Birmingham 6% and in London it was under 9%.

When the number of unemployed people reached its peak in 1931 the Government could not afford to pay unemployment benefit, and so many families had to live in terrible conditions.

In the 1970s and 1980s, although there were more people out of work, the Government could raise money by selling oil and gas from the North Sea, and so could afford to pay people when they were unemployed.

People without a job between 1970 and 1985 were much better off than those out of work during the 1930s.

Activity Sheet 5 - At Work (part 2)

The 'Winter of Discontent' is well known for strikes and strife.

Question 3 Go back to the 'Events' file and search for the word 'winter', when was the winter of Discontent? _____

Question 4 Using the List view of the 'At work' datafile, when were most working days lost due to strikes? _____

Question 5 Does this correspond to the date for the 'Winter of Discontent'? _____

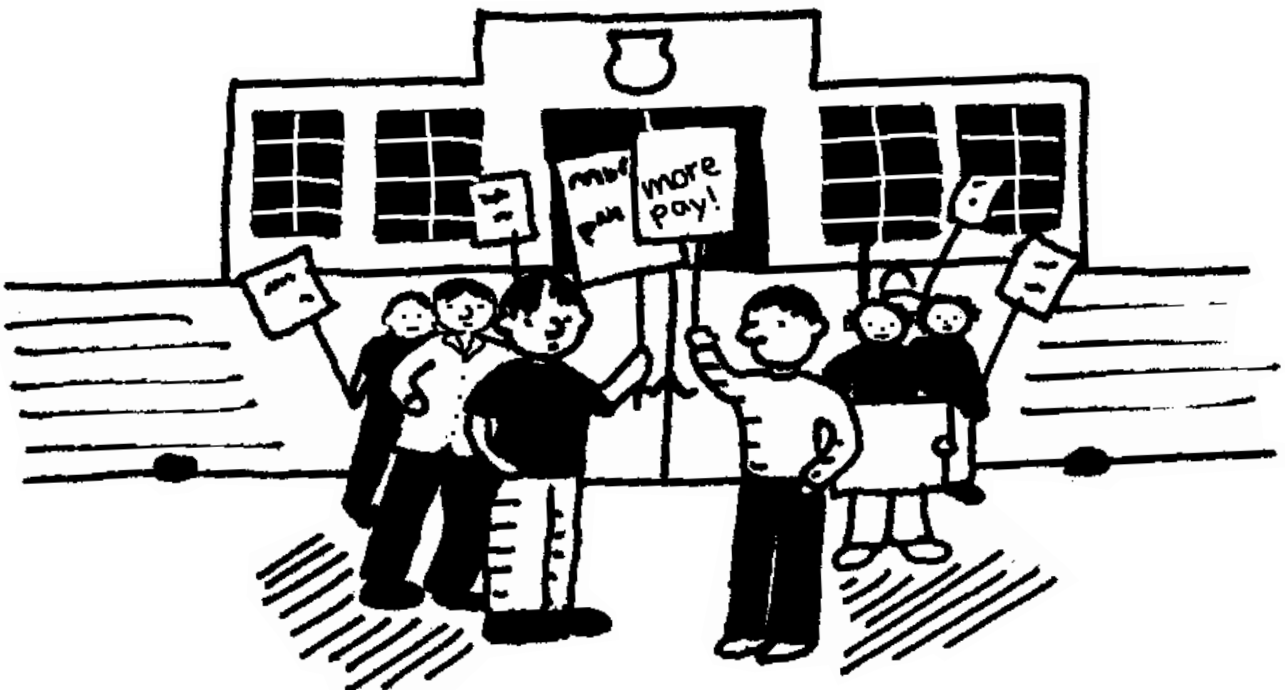
Using the Statistics icon on the List view, calculate the total number of working days lost through strikes between 1930 and 1990.

Question 6 How many millions of days have been lost through strikes between 1930 and 1990?

Go back to the List view of the 'At Work' datafile again and look at the numbers of female and male students on a Degree course.

Both sets of numbers have increased since 1930, but look closely at the difference between the numbers of male and female students.

Question 7 Write a sentence saying what you have noticed about the balance between female and male students during the period from 1930 to 1990.



Activity Sheet 6 - Census Information

Load a copy of Junior ViewPoint and open the file 'Census'.

The first record card in this file shows the year 1930. This file shows Census population statistics, Domestic appliances and Housing data in five yearly intervals between 1930 to 1990.

Go to the List view.

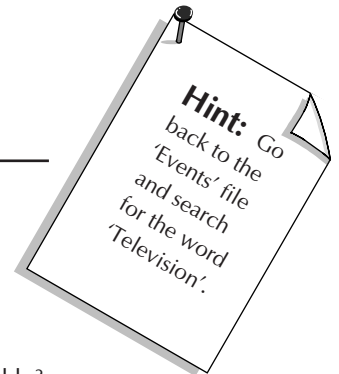
Look at the part of the table that shows the number of television licences issued.

Question 1 Why were no TV licences issued before 1945?

Question 2 Why do you think that no vacuum cleaners were made in 1940?

Question 3 In what year were most Radio licences issued? _____

Question 4 Why do you think that the number of Radio licences issued fell so quickly?



A Census takes place every 10 years. Every person in the UK has to complete a form that asks a lot of questions. We are going to look at some of this information.



Cancel any searches that you have made, and then do a new search for **Census is 'Yes'**.

Go to the Column menu and then remove the field names Vacs, Radios, TVs, Council houses and Private houses.

The population of the UK has increased since 1930, but the birth rate has gone down. (The birth rate is the number of babies born per 1000 population). In other words there are fewer babies in real terms now than in 1930.

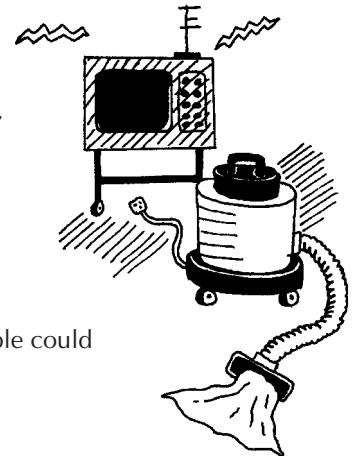
Question 5 Which of these statements might account for the increase in population?

If you look at the female and male life expectancy in 1930, and compare how long people could expect to live then with how long now, you should be able to see the main reason.

1. Fewer people are dying.
2. People are living longer.
3. More babies are being born

Now look at the infant mortality figures. These tell you how many infants under the age of one died for every 1000 infants in the population. In 1930, 68 out of every 1000 died before their first birthday.

Question 6 How many infants out of every 1000 died in 1990? _____



Task

Plot a line graph to show the improvement in the infant mortality rate between 1930 and 1990.

Question 7 During which decade did the infant mortality rate improve the most? _____

Go back to the 'Events' datafile and search for the word 'penicillin' _____

Question 8 In what year was penicillin first used to treat infections? _____

Question 9 Do you think that there may be a connection here? _____

Question 10 During which decade were most council houses built? _____

During this period, there was a large slum clearance program taking place. Old houses which proved unhealthy to live in were pulled down and replaced with new modern buildings.

Question 11 What do you think about the following statement?

People are living longer, in better housing with improved medical facilities than they were in 1930

Answers to the Activity Sheets

Activity Sheet 1

- Q.1.** The Russians crash an unmanned space craft on the Moon
Q.2. No. The Russians soft land a spacecraft on the Moon
Q.3. 1969
Q.4. Concorde
Q.5. He rowed across the Pacific Ocean
Q.6. 1972
Q.7. Winston Churchill
Q.8. Montgomery

Other Questions

- Q.1.** 1936
Q.2. Any two of the following will be correct:
Spanish Civil War begins
Spitfire designed
Television first shown in London area
Edward VIII abdicates so he can marry Mrs Simpson
Jesse Owens wins four Olympic gold medals
Q.3. Kursk, Russia
Q.4. Belsen concentration camp
Q.5. Ford
Q.6. Mount Everest
Q.7. 1960
Q.8. 1967
Q.9. 1971
Q.10. 1978

Activity Sheet 2 Space Flight Chronology

- 1957 Russia launches first satellite and dog into space
1959 The Russians crash an unmanned space craft on the Moon
1961 Yuri Gagarin is first man to return safely to Earth from space
1962 USA rocket reaches Venus
1965 First space walk and first satellite telephone link
1966 Russians soft land an unmanned space craft on the Moon
1969 Americans land on the Moon - Neil Armstrong first man on Moon
1975 Russians and Americans link together two different rockets
1976 American space craft lands on Mars
1980 Voyager 1 sends back pictures of the outer planets
1981 First space shuttle launched
1986 Space shuttle 'Challenger' explodes

Activity Sheet 3

- Q.1.** 1945, 1950, 1964, 1966, 1974
Q.2. 58%
Q.3. (3). His Party needed support from other MPs
Q.4. 10
Q.5. 85%
Q.6. 25.4%
Q.7. 3%
Q.8. 25% of voters were represented by 3% of MPs
Q.9. 4
Q.10. George V, Edward VIII, George VI and Elizabeth II
Q.11. 1936

Activity Sheet 3 Task

When George V died he was succeeded by his son Edward VIII. He later abdicated in order to marry Mrs Simpson and his brother George VI became King.

Activity Sheet 4

- Q.1.** In 1965 there were 13.26 million vehicles using 215 thousand miles of roads, and 8143 people died as a result of accidents.
Q.2. 1940
Q.3. Improved road safety
Q.4. 1960 - 1970
Q.5. 1963
Q.6. 2000
Q.7. Yes! Production of potatoes doubled between 1940 and 1945
Q.8. 4.022 million acres

Activity Sheet 5

- Q.1.** The Second World War began in 1939, many young people were conscripted into the armed forces.
Q.2. No. Female employment continued to rise.

Tasks

High unemployment is always associated with the 1920s and 1930s. While this is true you can see from my graphs that unemployment was also a problem between **1975 and 1985**. If you look at my graph for **steel/coal production** you will see that when unemployment rose sharply during this period **steel/coal production** fell. In the 1930s the highest number of people unemployed was about **2.8** million. During the more recent period the highest number of unemployed people was about **3.1** million.

- Q.3.** 1978
Q.4. 1985
Q.5. No. There were more working days lost in 1985. Strikes caused a loss of 26.5 million days in that year. The Winter of Discontent between 1978 and 1979 was not as bad!
Q.6. 81 Million days
Q.7. In 1930 there were three times as many male students as female. By 1990 the number of female students had risen to nearly equal the number of male students.

Activity Sheet 6

- Q.1.** Television licences were not introduced until 1946.
Q.2. Manufacturing output was concentrated on the war effort. Non essential goods were not produced.
Q.3. 1950
Q.4. Introduction of television
Q.5. (2). People are living longer
Q.6. 8
Q.7. 1940 - 1950
Q.8. 1943
Q.9. Yes
Q.10. 1950 - 1960
Q.11. The evidence backs up the statement