

Topic: 5 points

Investigate Isambard Kingdom Brunel (a famous engineer who played a key role in Britain's Industrial Revolution) and his engineering work; you must create a model based on one of his accomplishments.

**Maths: 4 points**

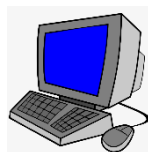
Create your own set of rounding flashcards that we can use in class! On the front, write the number you are rounding (at least a 4- or 5-digit number!) and on the back, write what the number rounds to, to the nearest 10, 100 and 1000.

**PSHE: 4 points**

Next half term, our topic will be Celebrating Differences. Create a self-portrait and label your features e.g. hair colour, eye colour along with your personality traits. We will use these as a display as well as discussing our differences and why they are important.

Computing: 3 points

In this half term, we will be looking at important historical figures in the field of computing. Research the history of computers and how they have evolved over the years. You could present your information as a timeline if you wish!

**TAKE 15 HOMEWORK**

Year 6 Autumn 1

Complete activities to collect 15 points

Tasks to be returned by **20th October.**

Please put your name on all of your completed tasks.

Art: 3 points

Create a modern-day art piece inspired by Lowry. You may use the city landscape of Birmingham, Manchester, Stafford or Cannock to inspire your art.

**English: 5 points**

Charles Dickens is a famous British author from Victorian times. He wrote many classic novels, including Oliver Twist. Research and write a biography about Charles Dickens and his achievements.

Science: 4 points

Complete your own heart rate investigation:

- Record your pulse when resting for 1 minute.
- Run around outside for 1 minute.
- Immediately retake your pulse for one minute
- Rest for 1 minute.
- Retake your pulse for 1 minute.

What do you notice? What has happened with your pulse?

Try this with different forms of exercise. Does your pulse always change to the same rate?

Maths: 4 points

Look at a world map and locate different countries. Choose a month and research the average temperatures for the countries.

Investigate:

What do you notice about the location of the countries and their temperatures?

What's the difference between the temperature of two countries?

Which country is the coldest/hottest? How much cooler/hotter are they than the other?

Is it the same in different months?