

Periometer



7B1

Make a model of a specialised cell (animal or plant) with an information sheet about the structure and function of the cell.

Use things from around the house – in past years students have baked cakes, used jelly and sweets or papier-mâché.

Make a model of a plant cell.

Use things from around the house – in past years students have baked cakes, used jelly and sweets or papier-mâché

Make a model of an animal cell.

Use things from around the house – in past years students have baked cakes, used jelly and sweets or papier-mâché

Find 2 pictures of animal cells and 2 pictures of plant cells from under a microscope. Label the pictures.

7B2

You've been hired as a physiotherapist. Create an information leaflet to explain how antagonistic pairs of muscles work to make bones move.

Use correct terminology and use the internet/books to include extra facts (no copy and paste!)

Accurately draw, or find a picture, of the human skeleton and label the bones.

You don't have to label every bone but the majority should be named.

Using the hand-out (ask your teacher before you go), cut out and construct a model of a human skeleton.

You will need split-pins to put your skeleton together.

Name all of the organs that make up either:

1. The digestive system.
2. The circulatory system.
3. The reproductive system.
4. The respiratory system.

Extra credit if labelled diagrams are included.

7B3

Research and find out why more people die from taking legal drugs than illegal drugs.

Present your findings in the form of a scientific report. You must include a table comparing legal and illegal drugs.

Write a script for an advert warning people of the dangers of drinking and driving.

Include statistics but remember to make it memorable and captivating.

Write 10 – 15 challenging **quiz questions** about breathing and gas exchange.

Write the questions and answers (on a separate sheet) to test a peer...

Create a poster about the dangers of smoking.

You must include a labelled diagram of what goes into a cigarette.

7B4

Write a newspaper article explaining why enzymes are important in digestion.

Include how enzymes work and why we need enzymes. You must include an interview with an enzyme.

Create a **comic strip** to explain how you test for either:

1. Starch.
2. Protein.
3. Sugar.

You must include what the positive result looks like.

Produce a picture flow-chart showing the stages of digestion.

You must include a description of what is happening at each point.

Collect a paper plate from your teacher and draw your favourite meal. Label the different food groups.

Extension: Write a sentence on whether you think that you had a healthy, balanced meal.

