

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.*

