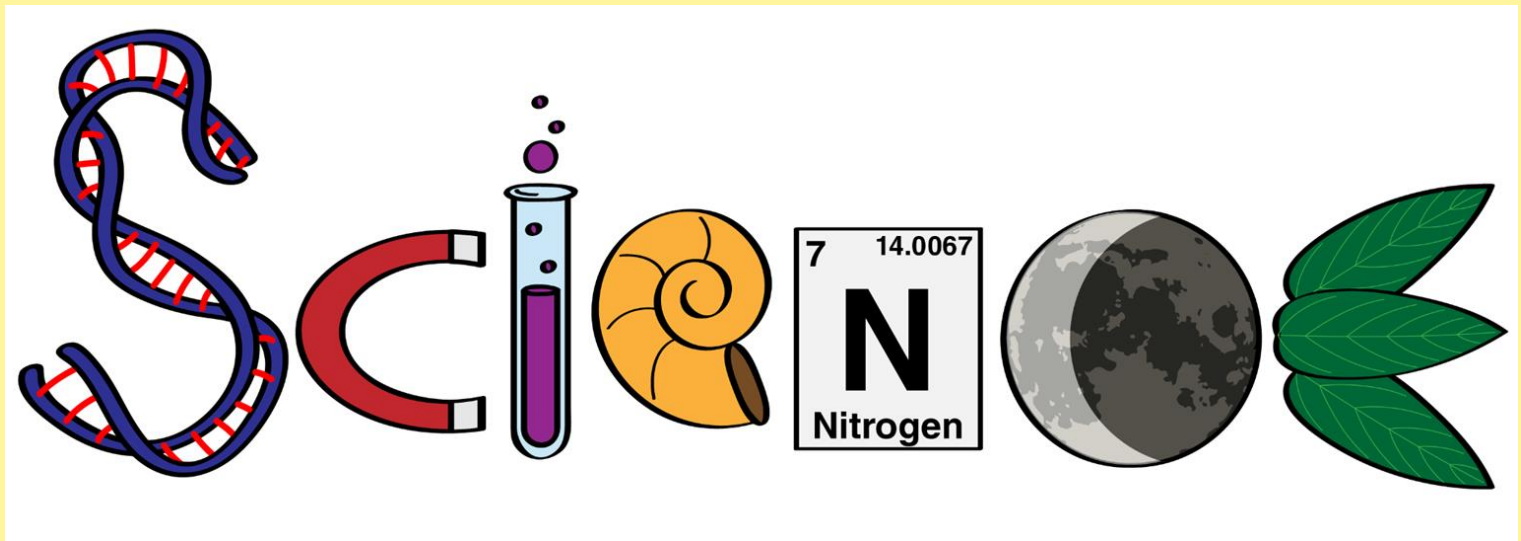


Revision questions



ARCHBISHOP
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CHURCH OF ENGLAND



Intro to science

1. When using acid what safety precaution should you take?
2. Which piece of equipment would you use to measure the volume of a liquid?
3. Why does opening the valve on a bunsen burner cause a roaring blue flame?

Forces

1. Define a force.
2. What type of force is;
 - a. Gravity
 - b. Air resistance
3. How can you describe the forces of a car moving at a constant speed?

Particles and their behaviour

1. State the 3 states of matter.
2. What interconversion happens when a liquid turns into a gas?
3. Define concentration.

Cells

1. Name 3 organelles not found in an animal cell.
2. What is the function of Mitochondria?
3. How is a sperm cell specialised the function?

Separating substances

1. How do you separate an insoluble solid from a liquid?
2. What type of liquid do you get at the end of distillation?

Motion and pressure

1. What is the calculation for speed?
2. Why does a boat float?
3. What is the calculation for density?