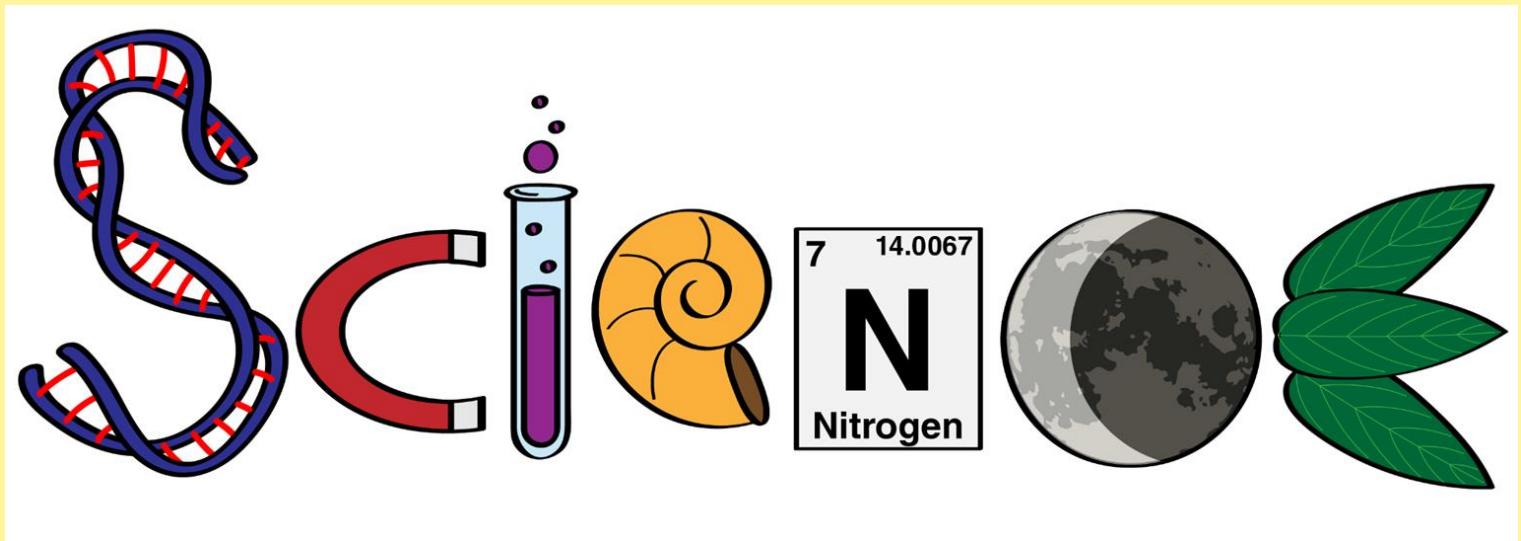


Revision questions



ARCHBISHOP
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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 for its function?
4. How do you calculate magnification?

Atomic structure

1. What do you find in the nucleus of an atom?
2. What charge does each subatomic particle have?
3. What should you use to draw the start line in chromatography?

Energy stores

1. State the energy stores in;
 - a. Food
 - b. A skydiver just before he jumps off the plane.
 - c. A skydiver after he jumps off the plane.
2. How do you calculate GPE?
3. How do you calculate KE?
4. What practical can we do to check an objects' specific heat capacity?

Transport Systems

1. Define;
 - a. Diffusion
 - b. Osmosis
 - c. Active transport
2. Which states of matter does diffusion only happen in?
3. Name 3 factors that affect rate of diffusion