

Science Pack A

1. Which Poles on a magnet attract ?	2. Which Poles on a magnet repel ?	3. Which metals <u>are</u> attracted to a magnet ?	4. Which metals <u>are not</u> attracted to a magnet ?
5. What is the difference between <u>giving off</u> light and <u>reflecting</u> light ?	6. What do Predators do ?	7. What do consumers do ?	8. What is a producer ?
9. Name three things that <u>all</u> animals do ?	10. What is your pulse ?	11. What is gravity ?	12. What is upthrust ?
13 Expand means - ?	14. Contract means - ?	15. What happens when something vibrates ?	16. A conductor is - ?
17 A <u>thermal</u> conductor is - ?	18. An insulator is - ?	19. A <u>thermal</u> insulator - ?	20. A thermometer is - ?

Science Pack A - answers

<p>Brass Copper Aluminium Lead</p>	<p>Steel and Iron</p>	<p>The <u>same</u> poles move away (North – North) (South – South)</p>	<p><u>Opposite</u> poles come together. (North –South) (South – North)</p>
<p>A producer is a plant. (it <u>is</u> food for a consumer)</p>	<p>Consumers are anything that eats. (plants or meat)</p>	<p>Predators eat other creatures (meat)</p>	<p>Giving off light is what <u>makes</u> the light. Reflecting is just “sending it back !”</p>
<p>Upthrust is the <u>upward force</u> eg floating in water</p>	<p>Gravity is the <u>downward force</u> of the earth.</p>	<p>Pulse is your heartbeat.</p>	<p>Grow Feed Reproduce Breathe Get rid of waste</p>
<p>Something which <u>allows electricity</u> to pass through it.</p>	<p>It moves quickly from side to side and makes a sound.</p>	<p>Contract means to <u>become smaller.</u></p>	<p>Expand means to <u>become bigger.</u></p>
<p>An instrument for <u>measuring heat.</u> (temperature)</p>	<p>Something which <u>won't allow heat</u> to pass through it.</p>	<p>Something which won't allow electricity to pass through it.</p>	<p>Something which <u>allows heat</u> to pass through it.</p>

Science Pack B

1. What do plants need in order to grow ?	2. Do plants take in food ?	3. <u>How</u> does the Sun <u>appear</u> to move in the sky ?	4. <u>Why</u> does the Sun <u>appear</u> to move in the sky ?
5. What does evaporate mean ?	6. Which part of the flower is the Anther ?	7. What is a petal ?	8. What part of the flower is the Stamen ?
9. What is Pollen ?	10. What part of the flower is the Stigma ?	11. Which part of the flower is the style ?	12. What is water vapour ?
13. What does transparent mean ?	14. What does translucent mean ?	15. What does opaque mean ?	16. What is a Kidney ?
17. What is a Liver ?	18. What is an Intestine ?	19. What is a Stomach ?	20. What is a Heart ?

Science Pack B - answers

<p>The Earth spins on its' axis</p>	<p>The Sun moves from <u>East to West</u> and <u>higher</u> in the sky until Midday</p>	<p>No ! Plants <u>make</u> food ! They <u>are</u> food (by Photosynthesis)</p>	<p>Plants need : Water, light, air and soil to grow.</p>
<p>The stamen is the <u>stem</u> which holds the anther sac.</p>	<p>A petal is a <u>Flower</u> leaf</p>	<p>The Anther is the sac which <u>holds the pollen.</u></p>	<p>Evaporate means to turn water into water vapour (eg steam)</p>
<p>Evaporated water (eg steam)</p>	<p>Holds up the stigma (found in the centre of the flower)</p>	<p>The part of the flower which receives the pollen (found in the centre).</p>	<p>The <u>yellow dust</u> of the flower which feeds (fertilizes) the seeds of another flower.</p>
<p>Part of an animal which filters (cleans) its' blood</p>	<p>Opaque is anything that is <u>not see-through</u></p>	<p>Transluscent is <u>only just see-through</u> (partly clear)</p>	<p>Transparent means <u>see-through</u> (clear)</p>
<p>Part of an animal which <u>pumps</u> (circulates) its' blood</p>	<p>The baglike part of an animal which <u>breaks up</u> (digests) its' <u>food</u></p>	<p>Part of an animal which <u>holds its' food waste</u></p>	<p>Part of an animal which <u>regulates</u> (adjusts) its' blood</p>

Science Pack C

Food	Fat	Protein	Carbohydrate
Digestive System	Saliva	Habitat	Food Chain
Temperature	Evaporation	Condensation	Sieving
Filtering	Flexible	<u>rigid</u>	<u>Light travels.....</u>
Series Circuit	<u>Parallel Circuit</u>	Reversible Changes	Non-reversible Changes

## Science Pack C – Answers

Gives immediate energy	For growth & repair of your body	Is a storage of energy & to keep you warm	Gives animals energy
A list of plants & animals – what eats what ! L to R	Where a certain plant or animal lives	Begins to break down/soften food in your mouth	Includes : mouth, stomach, small & Large intestine
For separating mixtures of liquid & solids	Turning vapour back into a liquid by cooling	Turning liquid into vapour by heating	The measurement of how hot or cold
In a straight line from a source into your eyes	Difficult to bend	<u>Easily bent</u>	For separating mixtures of liquid & solids
Burning is not reversable	<u>melting, boiling, freezing, evaporating</u>	An circuit which doesn't make a bright light	A circuit which does make a bright light