

Printed Quiz | Secondary Schools | KS3 Science | For Class Use (1)

This printed quiz is for use with secondary school students and is intended for use in class or as homework. The PDF file prints firstly the questions complete with answers and then the questions without answers but with spaces left for answer insertion by the students. The questions are about Science and are aimed at KS3 students. The Education Quizzes website contains many different [quizzes for schools](https://www.educationquizzes.com) that can be used by teachers free of charge.

- 1 **Which group of animals do seals belong to?**
Mammals
- 2 **The nearest date to the shortest daylight hours in Britain is what?**
21st December
- 3 **The removal of undigested food is called what?**
Egestion
- 4 **What is the name for group 7 in the periodic table?**
Halogens
- 5 **What do omnivores eat?**
Animals and plants
- 6 **Which type of energy is stored energy due to gravity?**
Potential
- 7 **Which is the MAIN energy transfer when a light bulb is switched on?**
Electrical to light
- 8 **Which animal group breathes through moist skin and lungs, and need water to breed?**
Amphibians
- 9 **How often does the Moon complete one orbit of the Earth?**
Every 28 days
- 10 **Which of these rocks - Slate: Mudstone: Limestone: Basalt - is metamorphic?**
Slate
- 11 **The average speed of a car which takes 2 hours to travel 160 kilometres is what?**
80 kilometres per hour
- 12 **For aerobic respiration, which two substances are needed?**
Oxygen and glucose
- 13 **Sandstone is grainy and crumbly and may contain fossils. What type of rock is it?**
Sedimentary

- 14 **Which is the largest planet in our solar system?**
Jupiter
- 15 **What is frequency measured in?**
Hertz
- 16 **Which is the MAIN energy transfer when a wind-up clockwork toy is released?**
Elastic to kinetic
- 17 **What is the function of red blood cells?**
To carry oxygen from the lungs to the organs
- 18 **What are carbohydrates used for?**
Energy
- 19 **Which poisonous gas is present in smoker's smoke?**
Carbon monoxide
- 20 **If a metal reacts with a dilute acid, the two products will be what?**
A salt and hydrogen gas
- 21 **On Jupiter, 1kg weighs approximately 25 newtons. What would be the weight of 100g?**
2.5N
- 22 **Which is the MAIN energy transfer taking place when a gas fire burns?**
Chemical to thermal
- 23 **Oxygen passes from the alveoli into the blood. How is it transported?**
By red blood cells
- 24 **What are the ends of a bar magnet called?**
North and south poles
- 25 **What is force measured in?**
Newtons
- 26 **Which organ is used in pollination?**
Flower

- 27 **Why does lithium float on water?**
It is less dense than water
- 28 **What is force measured in?**
Newtons
- 29 **Which organ is MOST damaged by smoking?**
Lungs
- 30 **What is the correct symbol for Iron?**
Fe
- 31 **The trachea (windpipe) is kept open because it is made of rings of what?**
Cartilage
- 32 **Light can be split into colours of the spectrum using a prism. What is this called?**
Dispersion
- 33 **The Sun appears to move across the sky from which direction to which direction?**
East to west
- 34 **Bronze is an alloy. It is composed of which two metals?**
Copper and tin
- 35 **What are the three primary light colours?**
Red, blue and green
- 36 **On Earth, 1kg weighs approximately 10 newtons. What would be the weight of 500g?**
5N
- 37 **Which type of energy is stored in a battery?**
Chemical
- 38 **The correct way to write the symbol for the metal chromium is what?**
Cr

- 39 **How many legs do insects have?**
6
- 40 **Which rock is composed mainly of calcium carbonate?**
Chalk
- 41 **In the periodic table, what is a period?**
A horizontal row
- 42 **The filament of a light bulb consists of which metal?**
Tungsten
- 43 **The percentage of oxygen in the air breathed in is what?**
21%
- 44 **Is a mollusc an arthropod?**
No
- 45 **The correct chemical symbol for magnesium is what?**
Mg
- 46 **True or False? The moon is luminous.**
FALSE
- 47 **The magnetic field around a straight wire carrying an electric current has which shape?**
A circular shape
- 48 **What is the diaphragm?**
A sheet of muscle under the lungs
- 49 **What colour is universal indicator in an alkali?**
Purple
- 50 **What is the shape of the path of a planet moving round the Sun?**
An ellipse

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