THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 1 · SCIENCE · EVERYDAY MATERIALS

Everyday materials

Everything the questions ask about is taught on the page before them, so nobody has to know the science beforehand.

WHAT IS INSIDE

- Six materials to know by name
- An object and what it is made of
- Describing a material
- Try it yourself
- How each one is worked

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3 topics · something to do at the end

Written for a parent teaching at home. No training assumed, and nothing else to buy.

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Six materials to know by name

Read this first. Then answer the questions underneath.



These six come up again and again, and each one is useful for different reasons.

Wood is strong, light and easy to cut. It comes from trees.

Plastic can be made soft or hard, in any colour, and it is waterproof.

Glass is hard and see-through, and it breaks.

Metal is hard and strong and carries heat and electricity.

Rock is hard and heavy and comes out of the ground.

Water is the odd one here, because it is a liquid. A material does not have to be solid.

1. Where does wood come from?

One word.

2. Name two things glass is.

Two words describe it, and one more says what it does.

3. What does metal carry?

Two things.

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Quick check

One right answer each, and every answer is somewhere in this pack. Ring the letter.



1. **An object and what it is made of What is an object?**
   (A) What the thing is made of (B) A thing (C) Trees (D) Hard and see-through

2. **Six materials to know by name What does metal carry?**
   (A) Trees (B) Heat and electricity (C) What the thing is made of (D) Properties

3. **An object and what it is made of What is a material?**
   (A) Hard and see-through (B) What the thing is made of (C) Heat and electricity (D) Properties

4. **Describing a material What are the words that describe a material called?**
   (A) Properties (B) Heat and electricity (C) A thing (D) Hard and see-through

5. **Six materials to know by name Name two things glass is.**
   (A) Trees (B) Hard and see-through (C) Properties (D) Heat and electricity

6. **Six materials to know by name Where does wood come from?**
   (A) Hard and see-through (B) A thing (C) Trees (D) What the thing is made of

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How each one is worked

The answers to the **work it out** questions are model answers. A child who says something different and can show you where on the page it came from has done the work.



SIX MATERIALS TO KNOW BY NAME

1. Where does wood come from?

1. The passage says wood comes from trees.
2. So the answer is **trees**.

Answer: **Trees**

2. Name two things glass is.

1. The passage says glass is hard and see-through.
2. So that is the answer.

Answer: **Hard and see-through**

3. What does metal carry?

1. The passage says metal carries heat and electricity.
2. So that is the answer.

Answer: **Heat and electricity**

4. WORK IT OUT **Why is water called the odd one here?**

1. Five of the six are solids.
2. Water is a liquid.
3. The passage says a material does not have to be solid.

Answer: **Because it is a liquid and the others are solids**

AN OBJECT AND WHAT IT IS MADE OF

1. What is an object?

1. The passage says an object is a thing.
2. So the answer is **a thing**.

Answer: **A thing**

2. What is a material?

1. The passage says a material is what the thing is made of.
2. So that is the answer.

Answer: **What the thing is made of**

3. What is a pencil made of?

1. The passage says a pencil is wood and graphite, with rubber and metal on the end.
2. So that is the answer.

Answer: **Wood and graphite, with rubber and metal on the end**

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SAMPLE PAGES

You have read a few pages. The pack is longer.

What you are holding is a short sample, taken from different parts of the pack so that you can see how a week is planned and what a child is actually asked to do, before you decide.

The complete pack, and the rest of the academic materials, are on our website: schemes of work for a parent teaching at home, and practice packs for the skills children get stuck on.

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Islamic and Academic Education

Members of the homeschool community do not buy these. If you have joined the community, the pack for the term you are working on is given to you at no cost.

Our Islamic Education classes are free. These packs are part of what pays the teachers who teach them.