DoodleBeez Worksheets

Grades 6 to 8 | Science

Name: Date: Score: / 8

Synthetic Materials: Learn and Practice

New materials made from natural resources

Read each question. Circle the best answer.

💡 Synthetic Materials

- Synthetic materials are made by people using chemical reactions.
- They start from natural resources like petroleum, plants or minerals.
- Examples include plastics, nylon, many medicines and some fuels.
- petroleum: chemical reactions: nylon fabric

1 Glass is made mostly from which natural resource?

A. Sand B. Iron ore C. Wood D. Wool

2 What is a synthetic material?

A. A rock from a volcano B. A type of plant

C. Found only in nature

D. Made by people through chemistry

3 Most plastics are made from which natural resource?

A. Granite B. Clay C. Salt water D. Petroleum

4 Why do people make synthetic materials?

A. To meet needs people have

B. Nature has no materials C. To use up spare sunlight

D. To make things heavier

5 Which is a synthetic material?

A. Nylon B. Cotton C. Wood D. Wool

6 🐑 Which material is natural, not synthetic?

A. Wool from sheep B. Plastic wrap C. Nylon

D. Polyester

7 What must happen to a natural resource to make a synthetic material?

A. It is painted B. It is frozen

C. It is cut into a new shape

D. It goes through a chemical reaction

8 🌳 Aspirin was first developed from a compound in willow bark. What does this show?

A. Willow trees make plastic

B. Medicines are always natural

C. Medicines can come from nature

D. Bark is synthetic

ANSWER KEY

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