Test A

Unit 4 Evaluation

Name: _____ Class: _____ Date: _____

Mark the correct answers with a ✔.

1 Which object is made from a natural material?

A. Cork.

B. Plastic lid.

2 What material is this object made of?

A. Wood.

B. Ceramic.

3 Which material comes from an animal?

A.

B.

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4 Which is made of wool?

A.

B.

5 What do these objects have in common?

A. They are made from natural materials.

B. They are made from artificial materials.

6 How do artificial materials differ from natural materials?

A. Artificial materials are made by humans.

B. Natural materials are found in nature.

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7 What does it mean when one material is softer than another?

A. That it can bend easily.

B. That it can be scratched easily.

8 Which object is easy to scratch?

A.

B.

9 Which clothing is better when it rains?

A.

B.

10 What is a flexible material?

A. One that doesn't change shape when a force it applied to it.

B. One that bends easily without breaking.

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11 Which material can be impermeable and transparent?

A. Clay.

B. Plastic.

12 What is a transparent material?

A. One that water can pass through.

B. One that light can pass through.

13 What properties does an inflatable ring for a swimming pool have?

A. It is impermeable and flexible.

B. It is transparent and hard.

Look at the image and answer questions 14–16.

14 What materials are parts 1, 2 and 3 made of?

A. Plastic, metal and rubber.

B. Clay, glass and fabric.

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15 What properties do the materials for parts 2 and 3 have?

A. 2 is soft, and 3 is stretchy.

B. 2 is hard, and 3 is flexible.

16 Is glass a good material to make a bike?

A. No, because glass breaks easily.

B. Yes, because glass is a rigid material.

17 Which shows a can after a force is applied?

A.

B.

18 What happens to ice cream in the sun?

A. It changes shape.

B. It changes color.

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19 Why did the match change?

A. Because it was exposed to water.

B. Because it was exposed to fire.

20 When a force is applied to an object, what changes occur?

A. Changes in its shape or size.

B. Changes in its material or color.

21 Look at the images.

Bag 1

Bag 2

Which bag is better to carry a kilogram of potatoes? Why?

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Test B

Unit 4 Evaluation

Name: _____ Class: _____ Date: _____

Mark the correct answers with a ✔.

1 Which object is made from an artificial material?

A.

B.

2 What is the spoon made of?

A. Wood.

B. Metal.

3 Which material comes from a plant?

A. Glass.

B. Cotton.

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4 Which is made of wood?

A.

B.

5 What do these objects have in common?

A.

B.

A. They are made from artificial materials.

B. They are made from natural materials.

6 How are artificial materials similar to natural materials?

A. Both come from the soil, animals or plants.

B. Both are used to make things.

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7 What is a transparent material?

A. One that you can see through.

B. One that is easy to scratch.

8 Which object is harder?

A.

B.

9 Which material is better to make a table?

A. Cardboard.

B. Wood.

10 What is a stretchy material?

A. One that changes shape when a force is applied to it.

B. One that scratches easily.

11 Which material can be impermeable and opaque?

A. Paper.

B. Plastic.

12 What is an impermeable material?

A. One that light cannot pass through.

B. One that water cannot pass through.

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13 What property does a sculpture have?

A. It is hard.

B. It is transparent.

Look at the image and answer questions 14 and 15.

14 What materials are parts 1, 2 and 3 made of?

A. Clay, glass and fabric.

B. Plastic, metal and rubber.

15 What properties do the materials for parts 2 and 3 have?

A. 2 should be hard, and 3 should be flexible.

B. 2 should be soft, and 3 should be stretchy.

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16 Is glass a good material to make a car?

A. Yes, because glass is a resistant material.

B. No, because glass is fragile.

17 What happens to clay when a force is applied to it?

A. It changes color.

B. It changes shape.

18 What will happen to the pen after a period of time?

A. It will change shape.

B. It will change color.

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19 Why did the paper towel change?

A. Because it was exposed to water.

B. Because it was exposed to light.

20 What happens to newspaper in the sun?

A. It changes size.

B. It changes color.

21 Look at the image.

Is ice a good material to make a house for a dog? Why or why not?

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