

The City School
University Road Campus



Science Reinforcement

Worksheet # 1

Class 2

Student's Name: _____ Section: _____ Date: _____

Topic: Materials

Use the list below to identify the materials that you could use to make the following items. Say why they are made from these materials.

glass	wood	metal	plastic	cloth
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Bath Towel



Made from:
because

Gold Fish Bowl



Made from:
because

Fork



Made from:
because

Fizzy Drinks Cup



Made from:
because

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Worksheet # 2

Class 2

Student's Name: _____ Section: _____ Date: _____

Topic: Natural / Man-made Materials

Some materials come from nature. They are called natural materials.

For example: Leather comes from skin of a cow.

Some materials are processed in factories they are class Man-Made materials. For example: glass or plastic

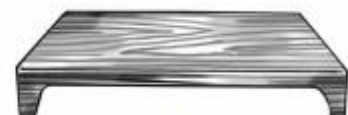
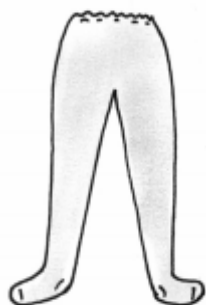
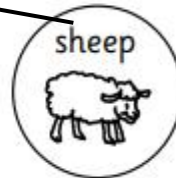
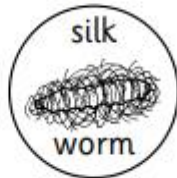
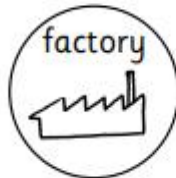
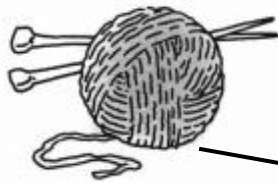
- Match the following materials to its source.

wool

plastic cup

cotton thread

rubber tire



nylon tights

silk tie

glass

wooden table

Explore

Make a chart of natural and man-made materials in your kitchen. Which type of material is most common there?

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Worksheet # 3

Class 2

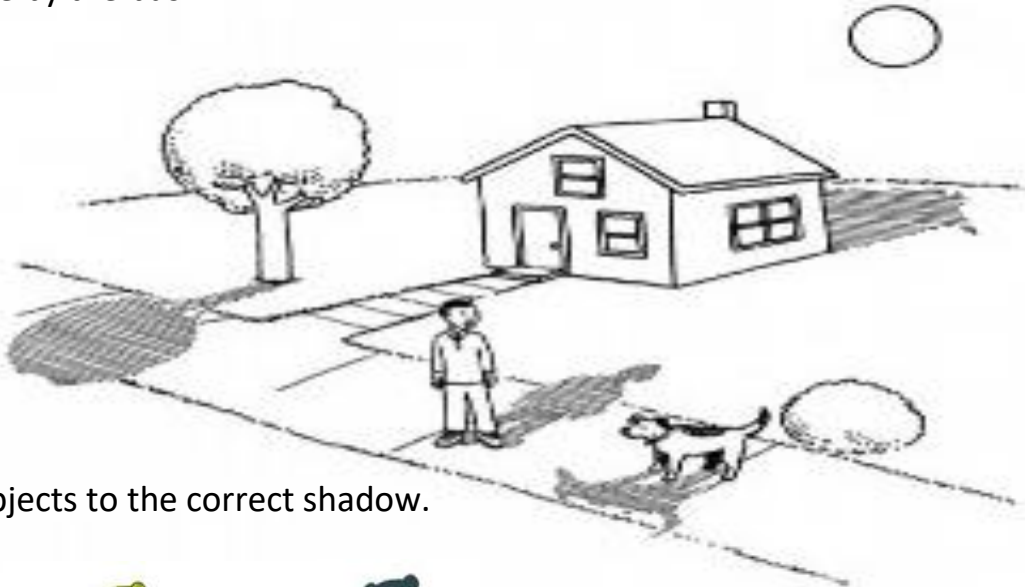
Student's Name: _____ Section: _____ Date: _____

Topic: Light and shadow

- Video watch: <https://www.youtube.com/watch?v=IOIGOT88Aqc>

Making Shadows

Instructions: Look at the picture and notice where the Sun is. Then circle each shadow that is in the correct place. Cross out the shadow which are not in the correct place. Draw a shadow made by the bush.



Match the objects to the correct shadow.



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Worksheet # 4

Class 2

Student's Name: _____ Section: _____ Date: _____

Topic: Transparent, Translucent and Opaque Objects

<https://www.youtube.com/watch?v=JJmVXARWLIY>

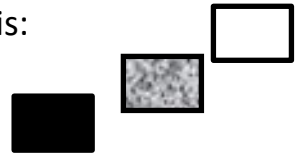
<https://www.youtube.com/watch?v=P6Uihn8V3h4>

Predict: Look at the items on the list. Do you think light can shine through them?

- If you think SOME light will go through, leave the box empty like this:

- If you think a LITTLE light will go through, shade the box like this:

- If you think NO light will go through, color the box like this:



Object	Prediction
Glass window	<input type="checkbox"/>
Paper towel	<input type="checkbox"/>
White shirt	<input type="checkbox"/>
Aluminum foil	<input type="checkbox"/>
Book	<input type="checkbox"/>
Wax paper	<input type="checkbox"/>
Hand	<input type="checkbox"/>
Plastic sheet	<input type="checkbox"/>
cardboard	<input type="checkbox"/>
Mobile phone	<input type="checkbox"/>
Wall	<input type="checkbox"/>

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Worksheet # 5

Class 2

Student's Name: _____ Section: _____ Date: _____

Topic: Forces Around Us

<https://www.youtube.com/watch?v=1T0bnWErcsA>

Q1. Complete the statement by writing Push or Pull.

- _____ is when you are using force to move an object TOWARDS you.
- _____ is when you are using force to move an object AWAY from you.

Q2. Determine whether would PUSH or PULL each object by writing the correct word on the line:

- Shopping cart _____
- Wagon _____
- Soccer ball _____
- Skateboard _____
- Kite _____
- Dog on a leash _____
- Baby stroller _____
- Hammering a nail into the wall _____
- Switch _____

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Worksheet # 6

Class 2

Student's Name: _____ Section: _____ Date: _____

Suggested Extension Activities

Practical 1: <https://www.youtube.com/watch?v=6FoJf9FD2Yc>

- Try few more materials of your choice to find whether they are soluble or insoluble.

Practical 2: <https://www.youtube.com/watch?v=hGwG--GZefw>

- Try this "Walking Water Experiment" to make tertiary colours.

Practical 3: https://www.youtube.com/watch?v=r8M7mah_QaY

- Change the state of different materials by freezing and melting.

Practical 4: <https://www.youtube.com/watch?v=FyyJDXq-7uU>

- Use different objects to draw shadows.

Practical 5: <https://www.youtube.com/watch?v=XLQEmPWf2n0>

- Draw the objects we can see during day and night. Draw each scene on a different sheet.