



# Science and Math

# Workbook

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# Contenido

## Lesson 1 - Sciences

Classify by properties .....	1
Exploring Materials .....	4
Colorful Fruits .....	6

## Lesson 2 - Sciences

My Body .....	8
---------------	---

## Lesson 2 - Mathematics

Make Your Own Pizza .....	13
---------------------------	----

## Lesson 3 - Sciences

Rainbow .....	15
Changes in materials when it is heated or cooled .....	16

## Lesson 1 - Mathematics

Bowling Game .....	18
--------------------	----

## Lesson 4 - Social Sciences

My Family .....	24
Do I need it or want it? .....	26
A balloon can be a powerful toy .....	27

## Lesson 5 - Social Sciences

Community Helpers .....	29
-------------------------	----

School map .....	32
------------------	----

## Lesson 6 - Social Sciences

Professions .....	34
-------------------	----

## Lesson 6 - Mathematics

Counting 1 to 30 .....	36
------------------------	----

## Lesson 6 - Sciences

Light, heat or sound sources .....	41
Sources of Energy: Electricity .....	43

## Lesson 7 - Ciencias

Títeres de vegetales .....	44
Comida sana .....	48

## Lesson 8 - Ciencias

Máscaras de animales .....	50
----------------------------	----

## Lesson 8 - Mathematics

Agrupar hasta 10 objetos .....	55
--------------------------------	----

## Lesson 9 - Ciencias

Ciclo de vida de la mariposa .....	57
Títeres de animales .....	63

---

### **Lesson 10 - Ciencias**

Bosque y desierto .....67

### **Lesson 11 - Ciencias**

La sabana y la selva tropical .....71

Competencia de gusanos .....75

### **Lesson 12 - Ciencias**

La tundra y el ecosistema marino .....78

Títeres de animales marinos .....82

### **Lesson 13 - Ciencias**

Las cuatro estaciones .....86

### **Lesson 14 - Ciencias**

El Sistema Solar .....92

### **Lesson 15 - Ciencias**

Los cambios diarios del clima .....95

### **Lesson 16 - Mathematics**

La tiendita .....100

### **Lesson 17 - Ciencias**

El supermercado .....102

### **Lesson 18 - Mathematics**

Gráficas .....115



EDUSARK PreK Preadoption Sample  
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Identify round  
and square shaped  
objects.



Cut out the images  
on page 6.



Classify and glue the  
images according to  
their shape.

1



Ask the child to observe and describe the shape of  
common objects in the classroom.

4

Online page

Lesson 1 - Sciences  
Classify by properties



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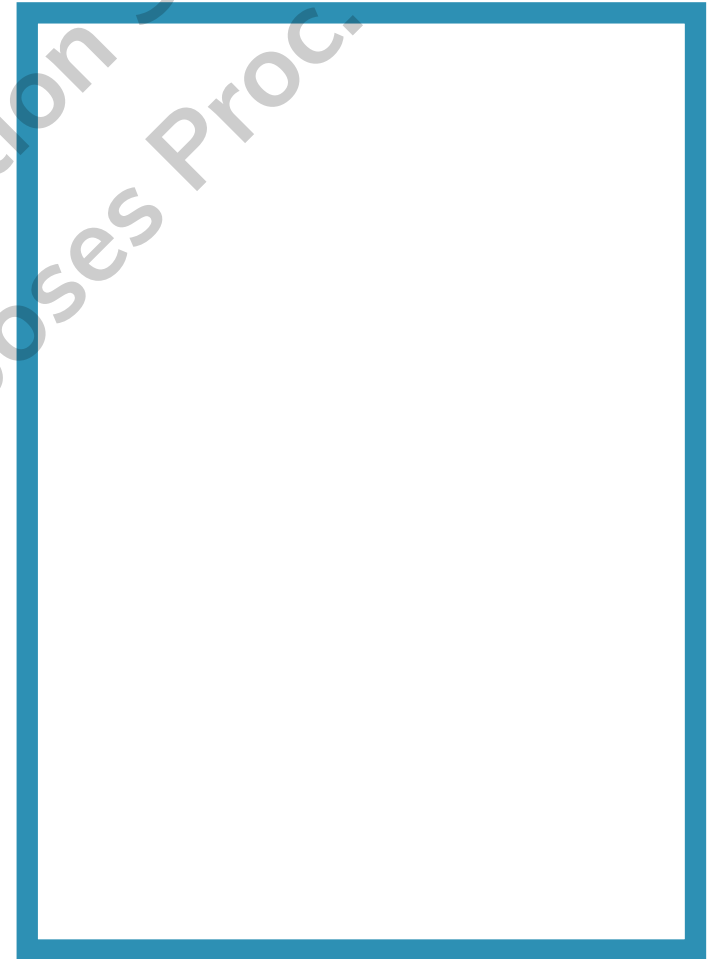
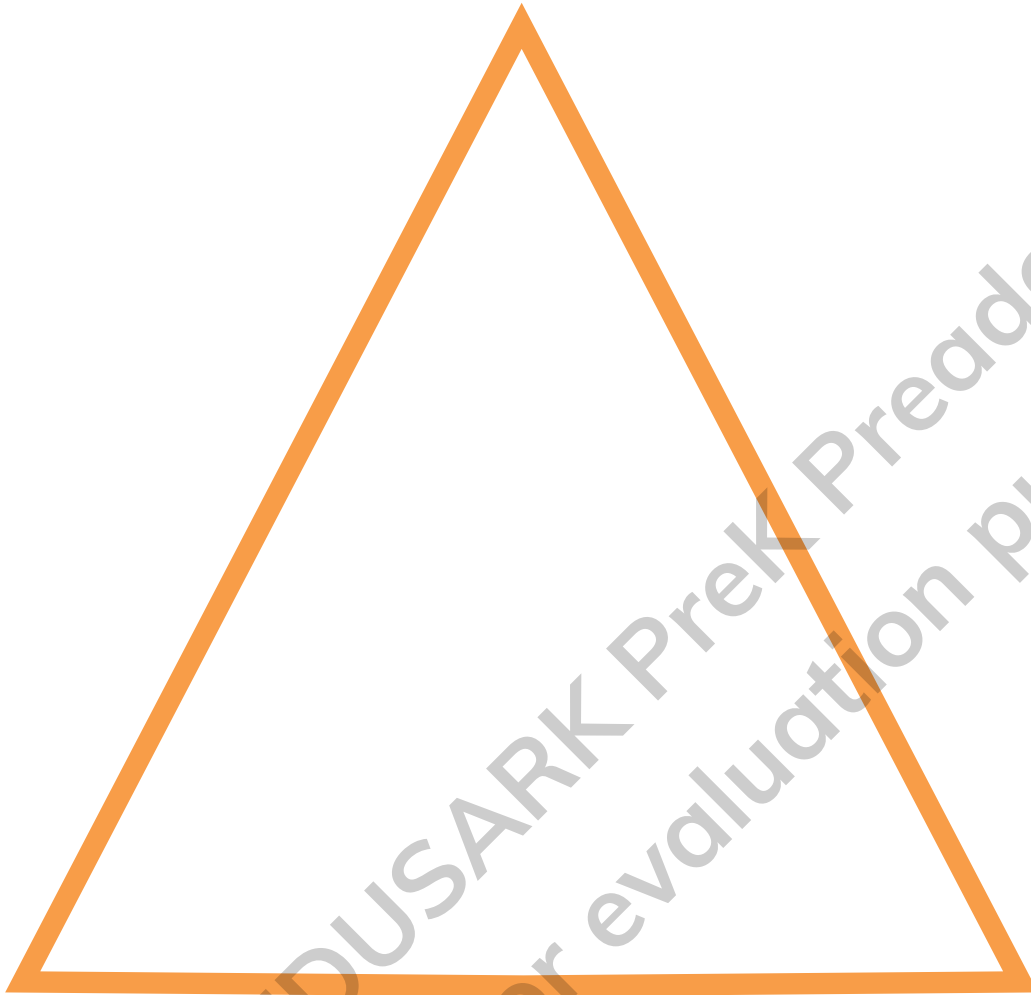
Identify triangle and rectangle shaped objects.



Cut out the images on page 6.



Classify and glue the images according to their shape.

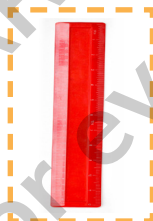
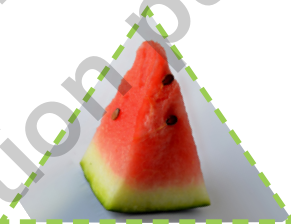
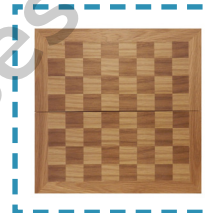


Ask the child to observe and describe the shape of common objects in the classroom.



Cut

3



6

Online page

Lesson 1 - Sciences  
Classify by properties



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Identify objects made of wood, plastic, metal, or paper.



Cut out the images on page 6.



Classify and glue the objects in the group to which it belongs.

<div data-bbox="178 337 548 552"></div> <div data-bbox="638 337 1001 552"></div> <div data-bbox="178 586 548 800"></div> <div data-bbox="638 586 1001 800"></div>	<div data-bbox="1094 337 1457 552"></div> <div data-bbox="1549 337 1913 552"></div> <div data-bbox="1094 586 1457 800"></div> <div data-bbox="1549 586 1913 800"></div>
<div data-bbox="178 876 548 1091"></div> <div data-bbox="638 876 1001 1091"></div> <div data-bbox="178 1125 548 1339"></div> <div data-bbox="638 1125 1001 1339"></div>	<div data-bbox="1094 876 1457 1091"></div> <div data-bbox="1549 876 1913 1091"></div> <div data-bbox="1094 1125 1457 1339"></div> <div data-bbox="1549 1125 1913 1339"></div>

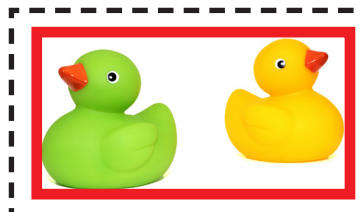


Ask the child to look at the objects on page 6. Identify and describe what material the objects are made of: wood, plastic, metal, paper.



Cut

5



Con ayuda de un adulto identifica el color, la forma y el material de objetos fabricados por el hombre.

6

Online page

Lesson 1 - Sciences  
Exploring Materials



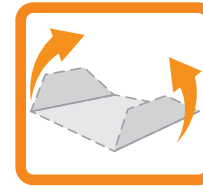
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Color the fruits.

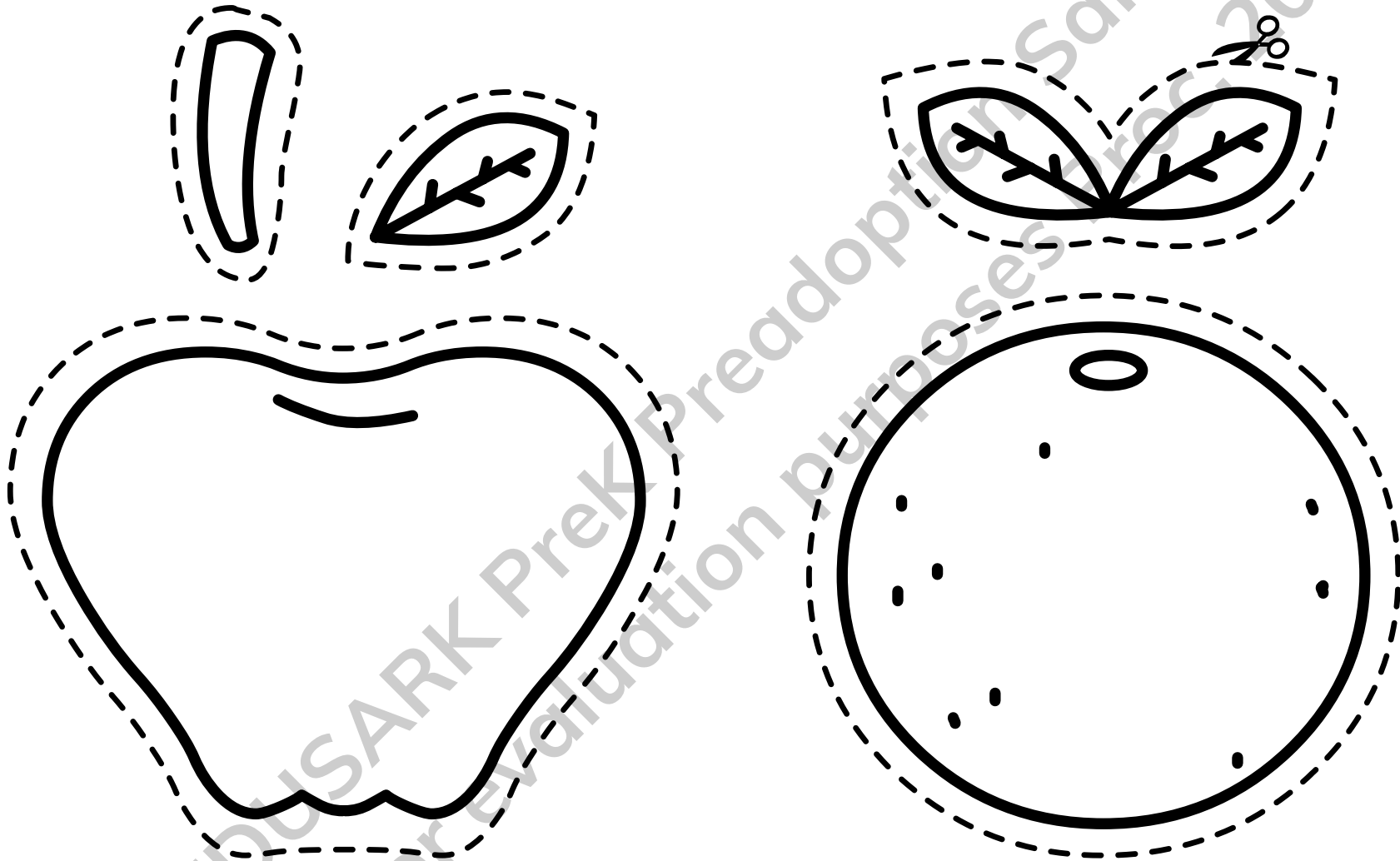


Cut



Glue each fruit and  
decorate the fruit holder.

6



Allow the child to explore different real fruits through sight, touch or taste. Help the child use words to describe the fruits they explored such as: big, small, soft, hard, sweet or sour. Provide different materials to color or paint (crayons, colors, markers, watercolors, brushes, etc.).

2

Online page

Lesson 1 - Sciences  
Colorful Fruits



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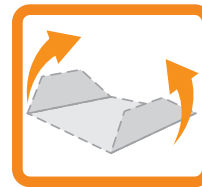




Color the fruits.

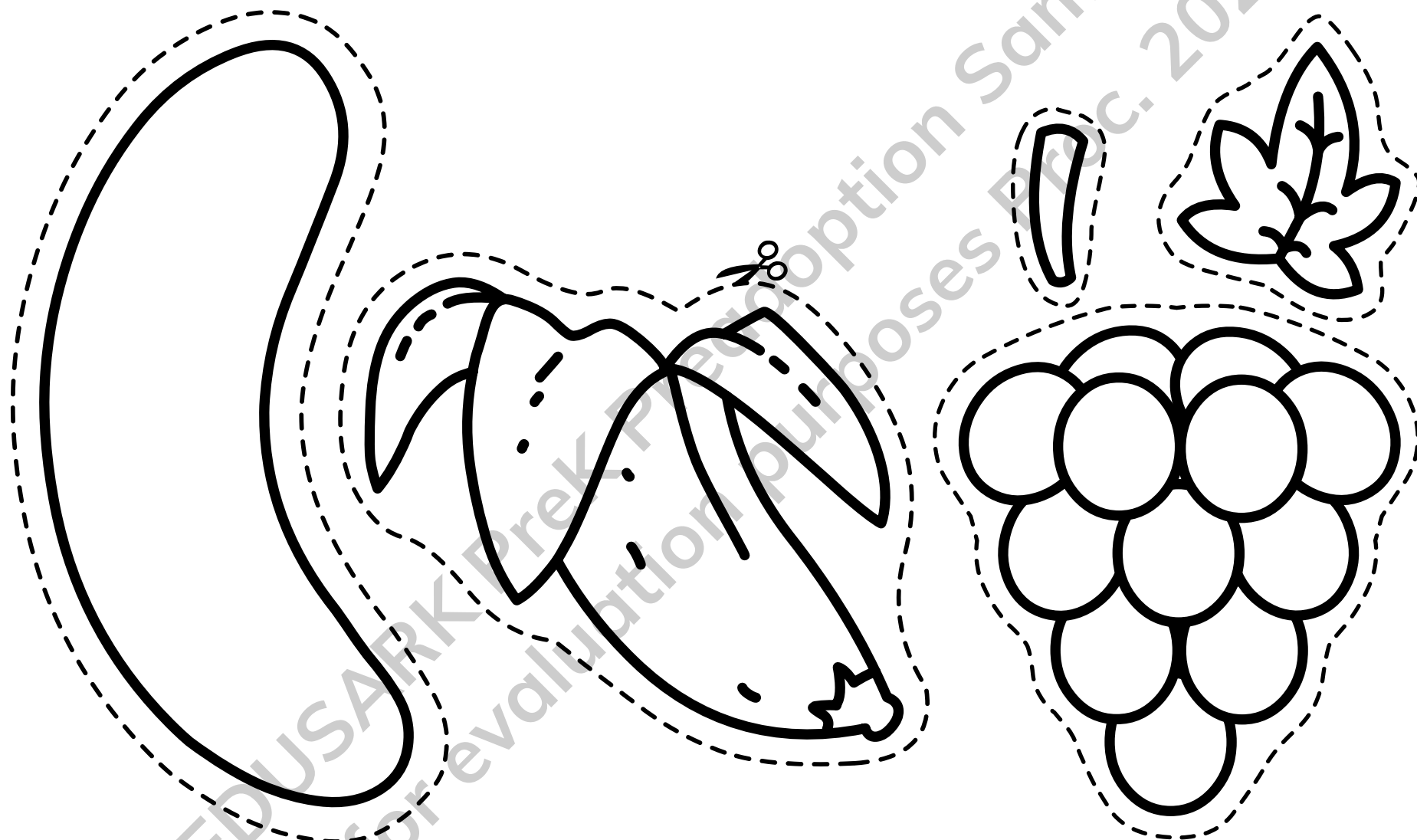


Cut



Glue each fruit and decorate the fruit holder.

7



Allow the child to explore different real fruits through sight, touch or taste. Help the child use words to describe the fruits they explored such as: big, small, soft, hard, sweet or sour. Provide different materials to color or paint (crayons, colors, markers, watercolors, brushes, etc.).

3

Online page

Lesson 1 - Sciences  
Colorful Fruits

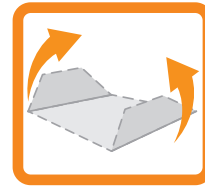


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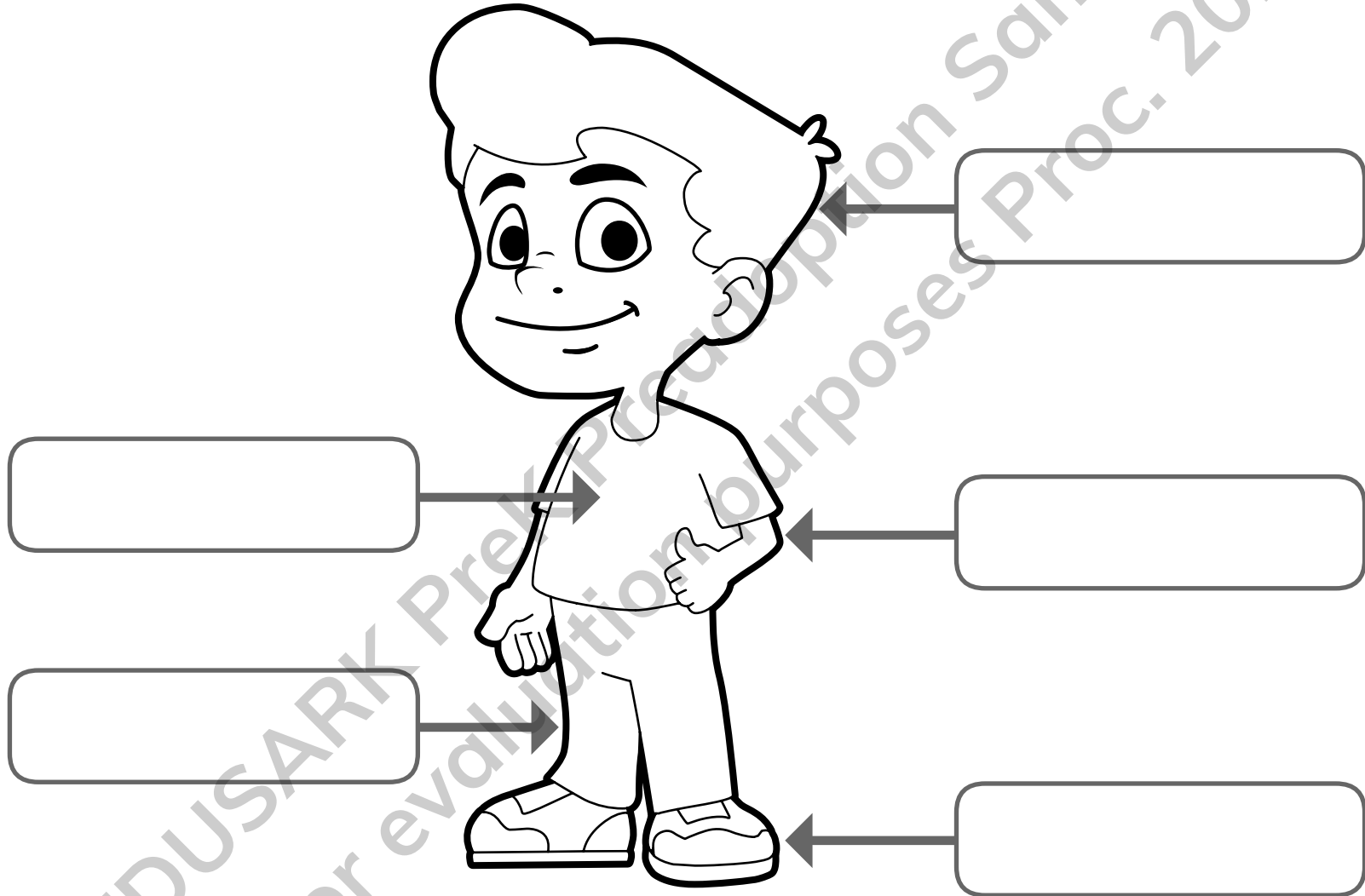


Color



Glue each word and name each body part.

8



Model or point to each body part. Ask the child to point to where their head, eyes, hand, foot, etc. are. Cut the words out on page 6.

2

Online page

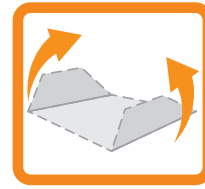
Lesson 2 - Sciences  
My Body



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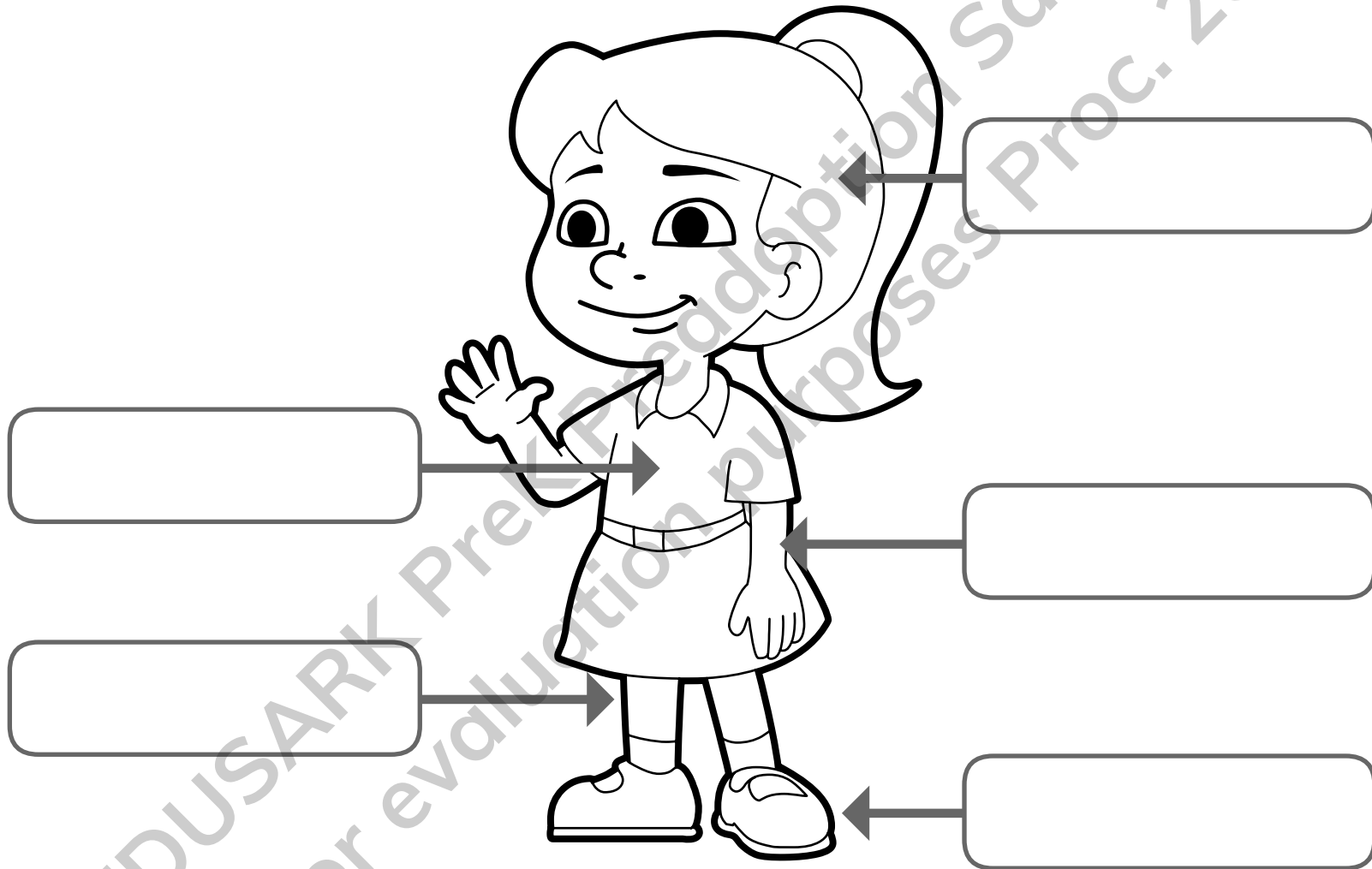


Color



Glue each word and name  
each body part.

9



Model or point to each body part. Ask the child to point  
to where their head, eyes, hand, foot, etc. are.  
Cut the words out on page 6.

3

Online page

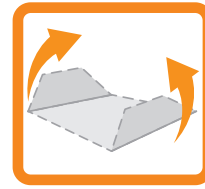
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My Body



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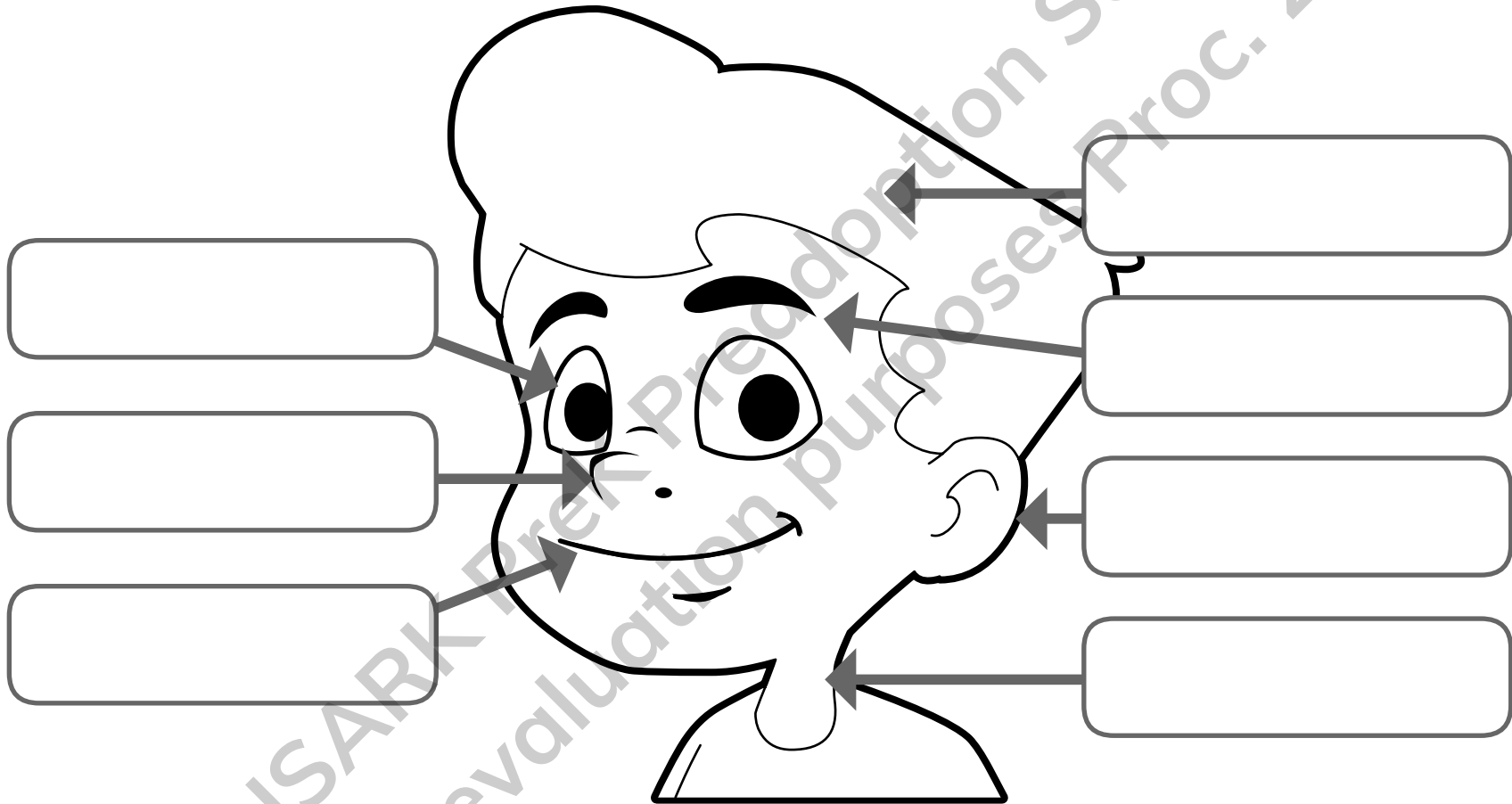


Color



Glue each word and name each body part.

10



Model or point to each body part. Ask the child to point to where their head, eyes, hand, foot, etc. are. Cut the words out on page 6.

4

Online page

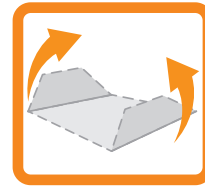
Lesson 2 - Sciences  
My Body



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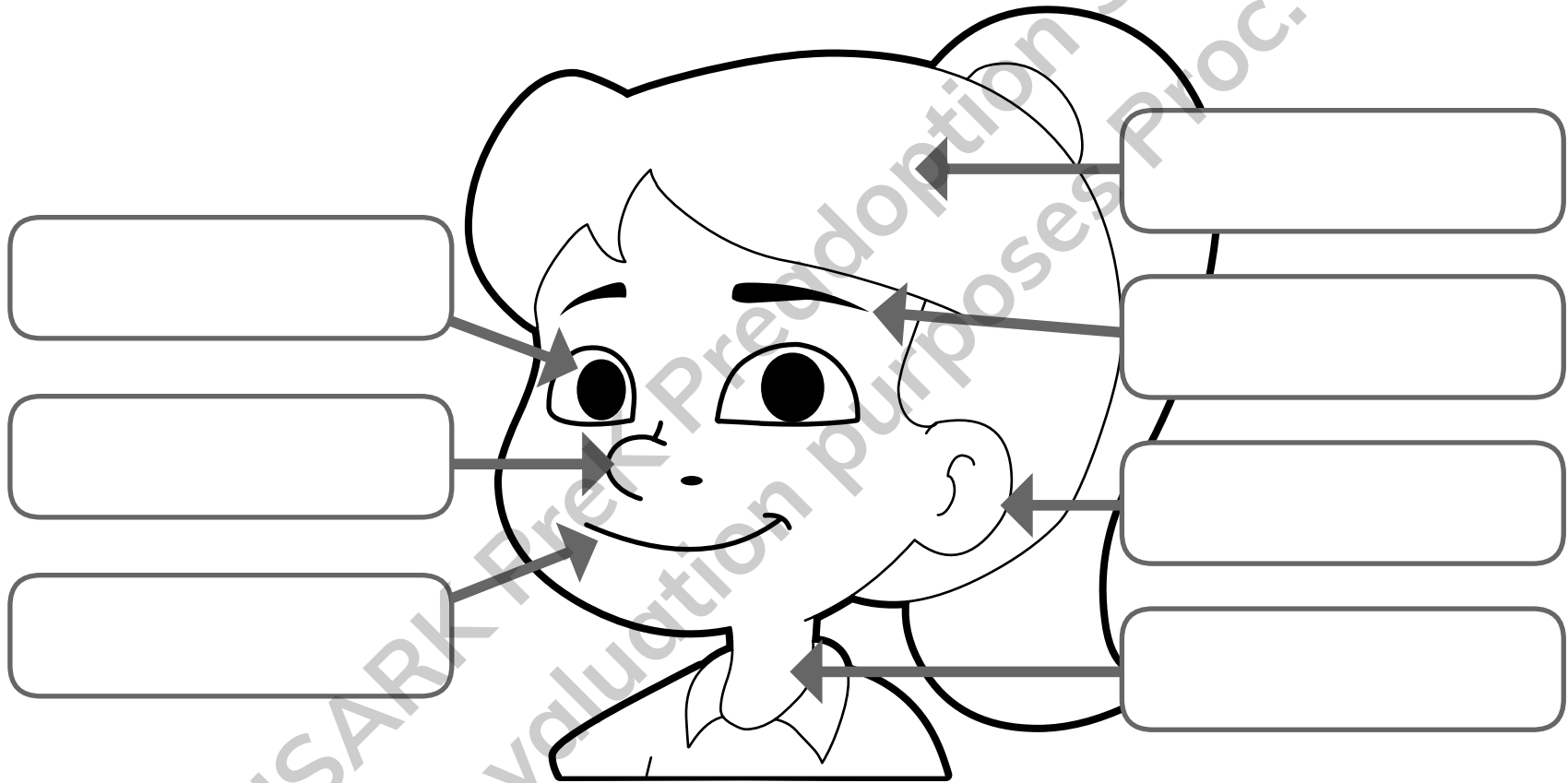


Color



Glue each word and name  
each body part.

11



Model or point to each body part. Ask the child to point  
to where their head, eyes, hand, foot, etc. are.  
Cut the words out on page 6.

5

Online page

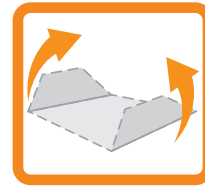
Lesson 2 - Sciences  
My Body



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Cut



Glue each word and name each body part.

12

Words for **boy** activity (pages 2, 4)

head

nose

body

mouth

leg

hair

arm

eyebrow

foot

ear

eye

neck

Words for **girl** activity (pages 3, 5)

head

nose

body

mouth

leg

hair

arm

eyebrow

foot

ear

eye

neck



Recorta las palabras.

6

Online page

Lesson 2 - Mathematics

My Body



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Color the pizza slices and the little shapes that represent the ingredients.



Glue each shape to decorate your pizza.



Ask the child to name each shape that was used in making the pizza. Count the ingredients on each pizza slice.



Online page

Lesson 2 - Mathematics  
Make Your Own Pizza





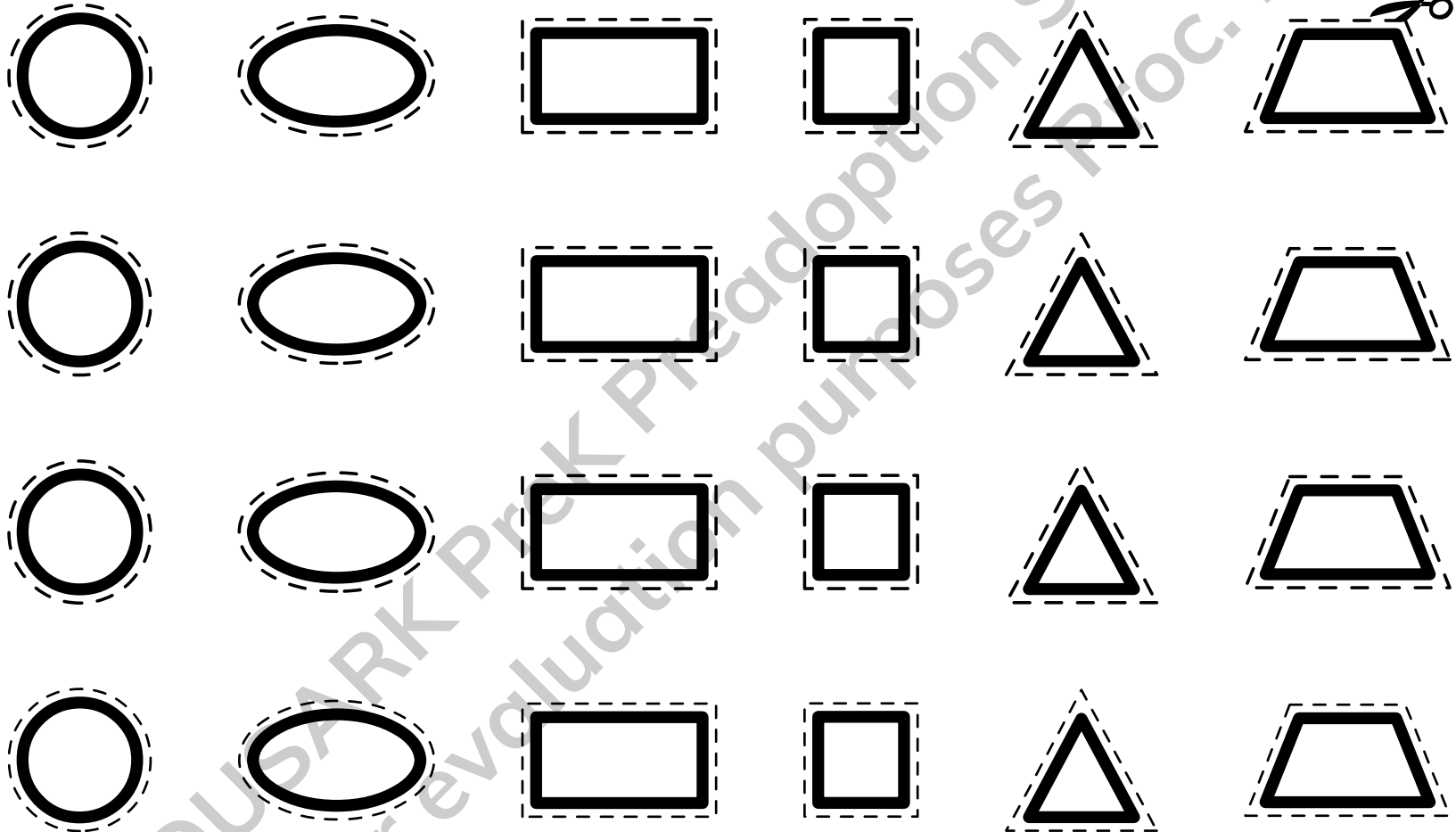
Color the pizza slices and the little shapes that represent the ingredients.



Cut



Glue each shape to decorate your pizza.



Ask the child to name each shape that was used in making the pizza. Count the ingredients on each pizza slice.

4

Online page

Lesson 3 - Sciences  
Make Your Own Pizza





Gather materials  
of different  
textures.

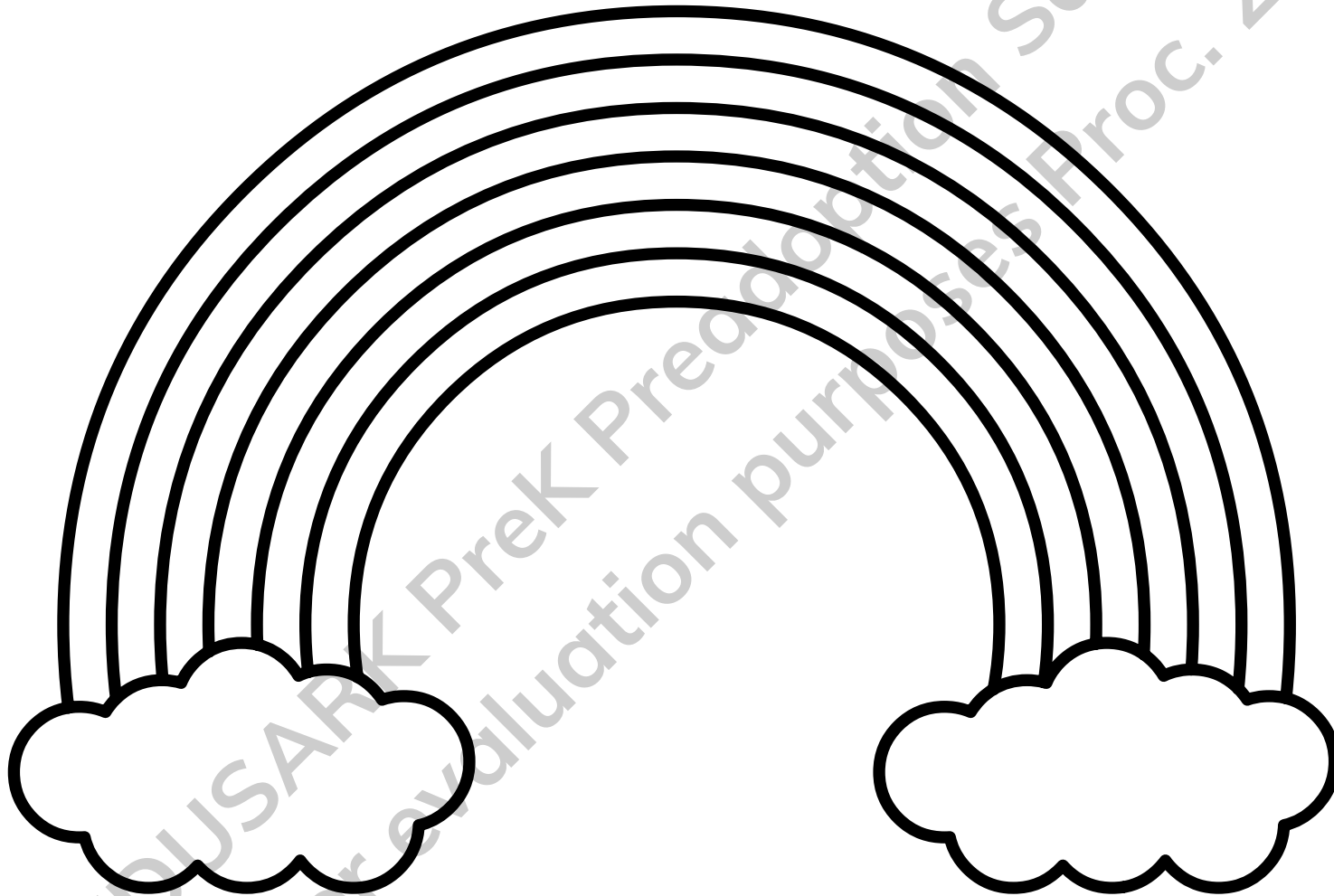


Glue a different  
material to each  
rainbow stripe.



Color the  
rainbow with  
finger paint.

15



Ask the child to name each color of the rainbow. Explore each texture and use words like soft, rough or hard to describe it. Ask the child to speak with a loud voice. Ask the child to listen and not interrupt to show interest in the creative work of classmates.

2

Online page

Lesson 3 - Sciences  
Rainbow



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Cut out and look at the images.



Identify, group and glue objects that are hot.



Identify, group and glue objects that are cold.

objetos calientes

objetos fríos



Explain to the child that objects or materials can change when they are heated or cooled.

2

Changes in materials when it is heated or cooled

Lesson 3 - Sciences





Observe, cut out, and glue solid objects in box 1.



Observe, cut out, and glue liquid objects in box 2.

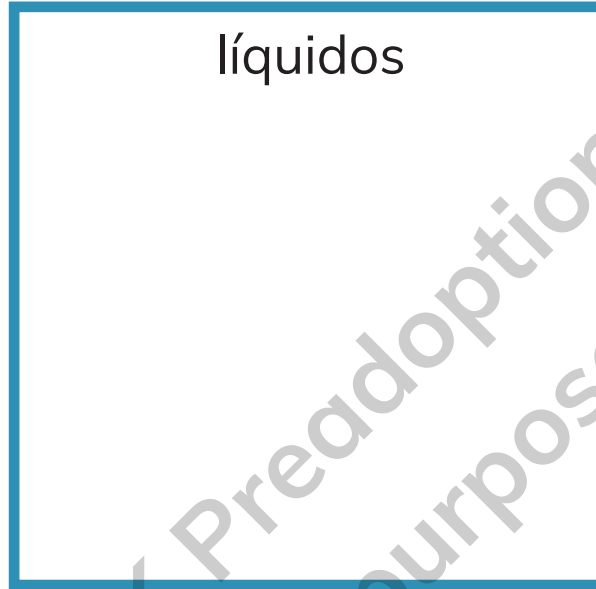


Observe, cut out, and glue objects in a gaseous state in box 3.

17



sólidos



líquidos



gases



Explain to the child that water can have three different states. We all use liquid water daily for bathing, washing fruit, drinking water, etc. If the water gets too cold it makes solid ice. If the water gets too hot it turns into water vapor.



Changes in materials when it is heated or cooled

Lesson 3 - Sciences



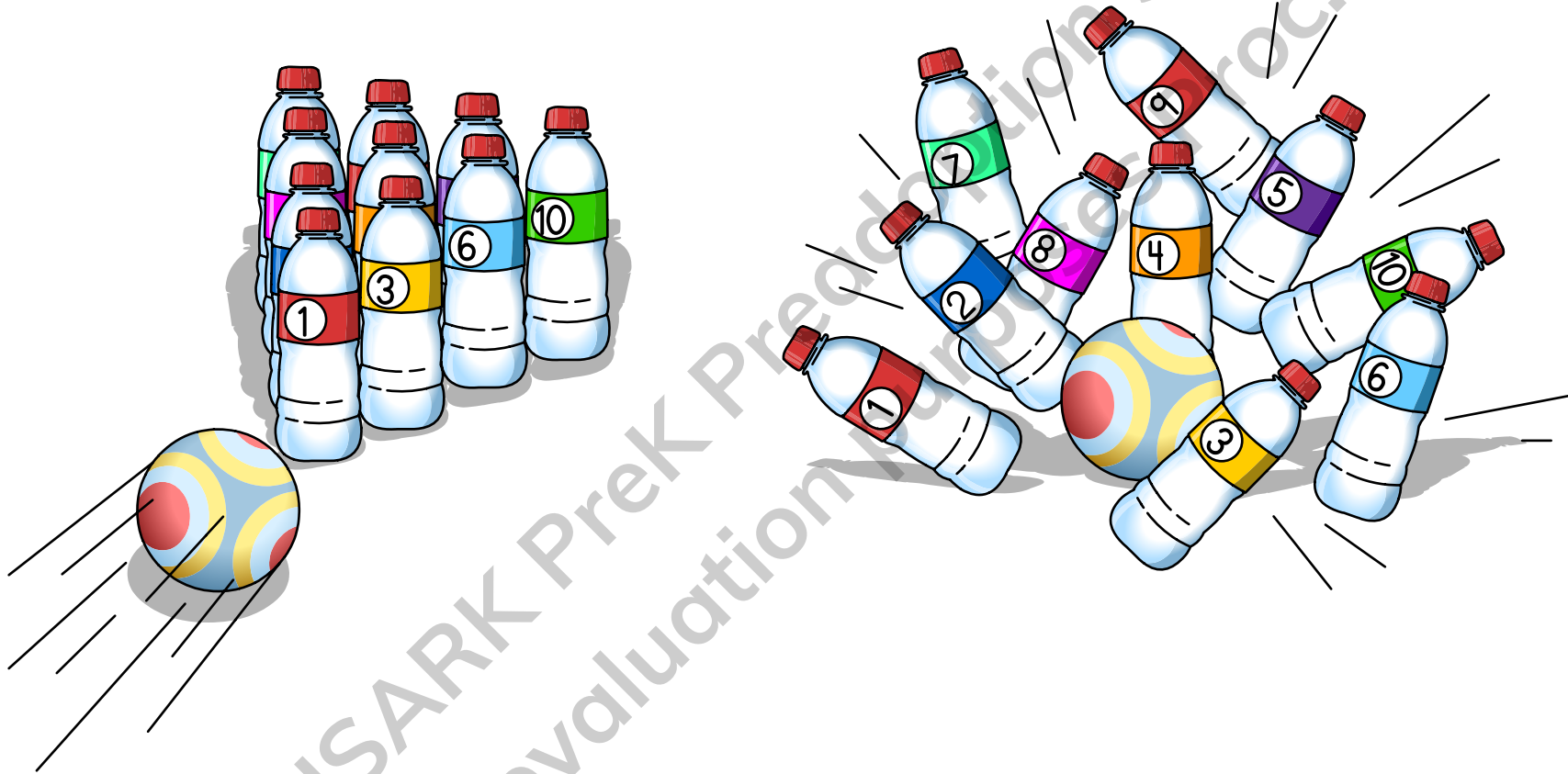
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## Bowling Game

18



Arts and Crafts: Project 2  
Build a bowling game to from count 1 to 10.



Online page

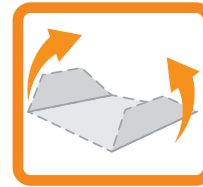
Lesson 1 - Mathematics  
Bowling Game



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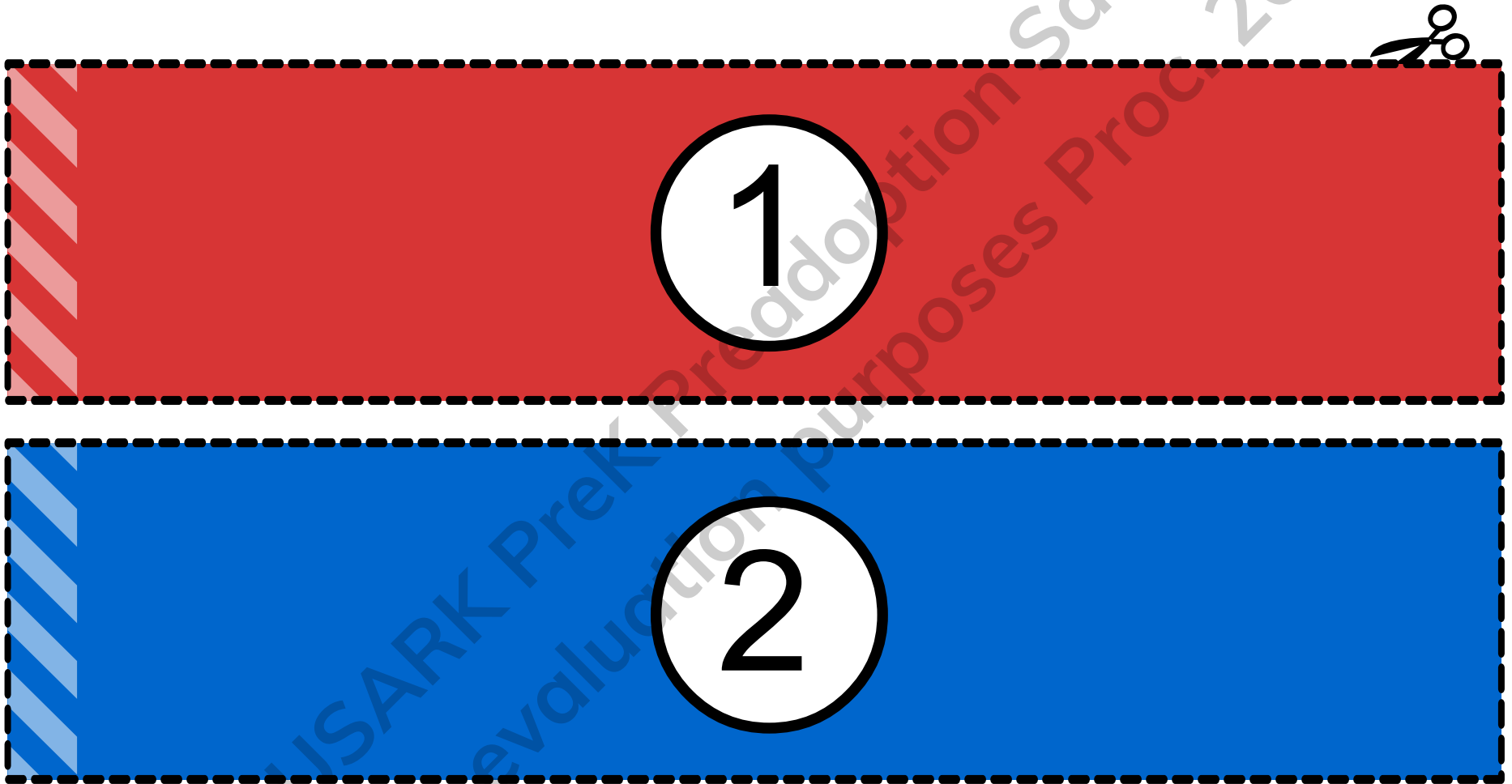


Cut



Glue each label to a different plastic bottle.

19



Ask the child to glue each label to a different plastic bottle, as shown on page 1. Play and count the fallen bowling pins on each turn.



Online page

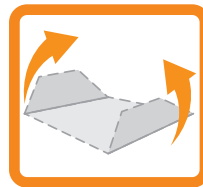
Lesson 1 - Mathematics  
Bowling Game



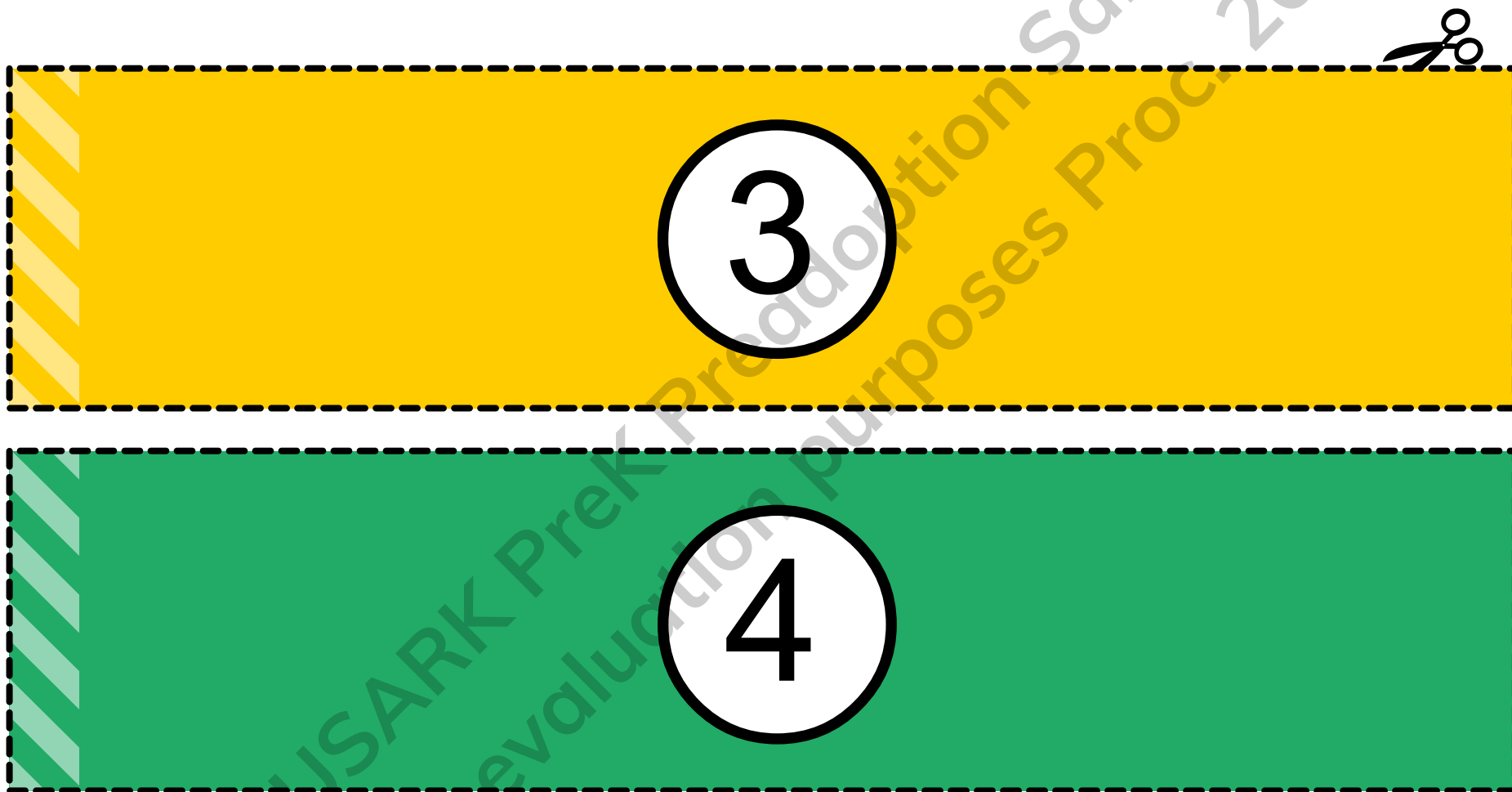
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Cut



Glue each label to a different plastic bottle.



Ask the child to glue each label to a different plastic bottle, as shown on page 1. Play and count the fallen bowling pins on each turn.



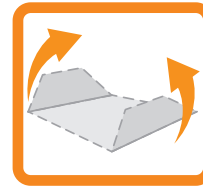
Online page

Lesson 1 - Mathematics  
Bowling Game





Cut



Glue each label to a different plastic bottle.

21



Ask the child to glue each label to a different plastic bottle, as shown on page 1. Play and count the fallen bowling pins on each turn.



Online page

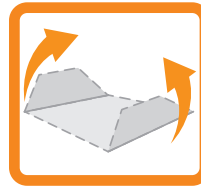
Lesson 1 - Mathematics  
Bowling Game



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Cut



Glue each label to a different plastic bottle.



Ask the child to glue each label to a different plastic bottle, as shown on page 1. Play and count the fallen bowling pins on each turn.



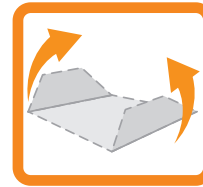
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Lesson 1 - Mathematics  
Bowling Game



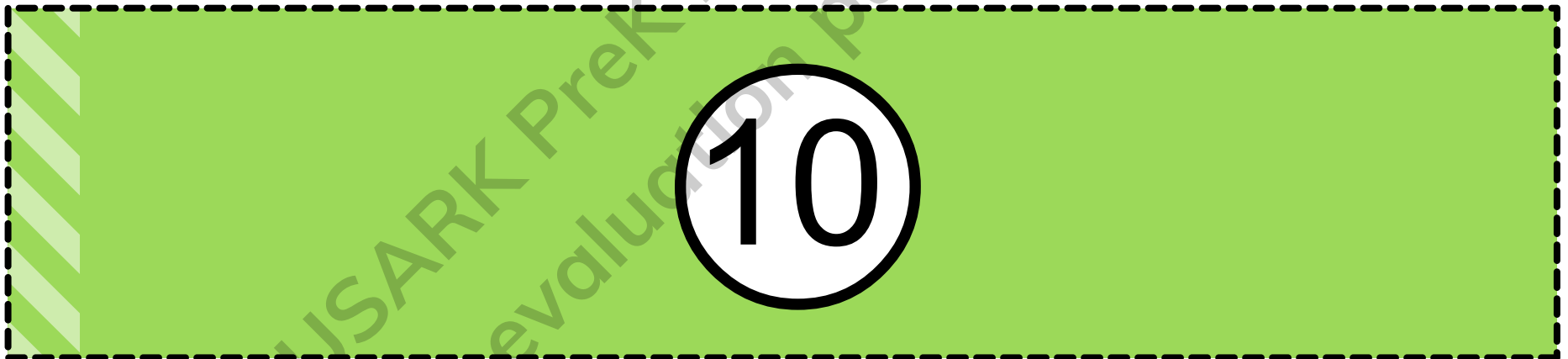


Cut



Glue each label to a different plastic bottle.

23



Ask the child to glue each label to a different plastic bottle, as shown on page 1. Play and count the fallen bowling pins on each turn.



Online page

Lesson 1 - Mathematics  
Bowling Game



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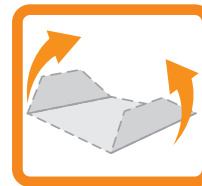




Color the images that represent the members of your family.



Cut



Glue the images and build the portrait.



Ask the child to name each family member in their family with a clear and high tone of voice. Ask the child to listen and not interrupt to show interest in the creative work of their classmates. Ask the child to clap at the end of each presentation to demonstrate appreciation for the creative work of their classmates.

2

Online page

Lesson 4 - Social Sciences  
My Family



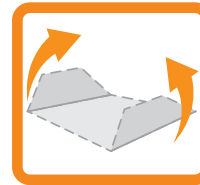
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Color the images that represent the members of your family.



Cut



Glue the images and build the portrait.

25

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for evaluation purposes



Ask the child to name each family member in their family. Ask the child to listen to their classmates when they present their family members. Explain to the child that all families have similarities and differences. Promote respect for differences in cultures, languages and the different composition of their family members.

3

Online page

Lesson 4 - Social Sciences  
My Family



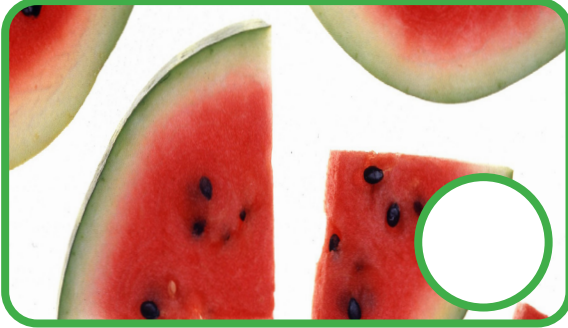
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Observe and describe the images.



Write a check mark in the boxes with objects that a family needs to live.



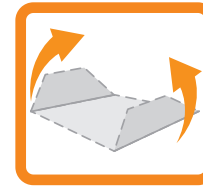
Ask the child to select the objects that a family needs in order to live.



Color or paint.

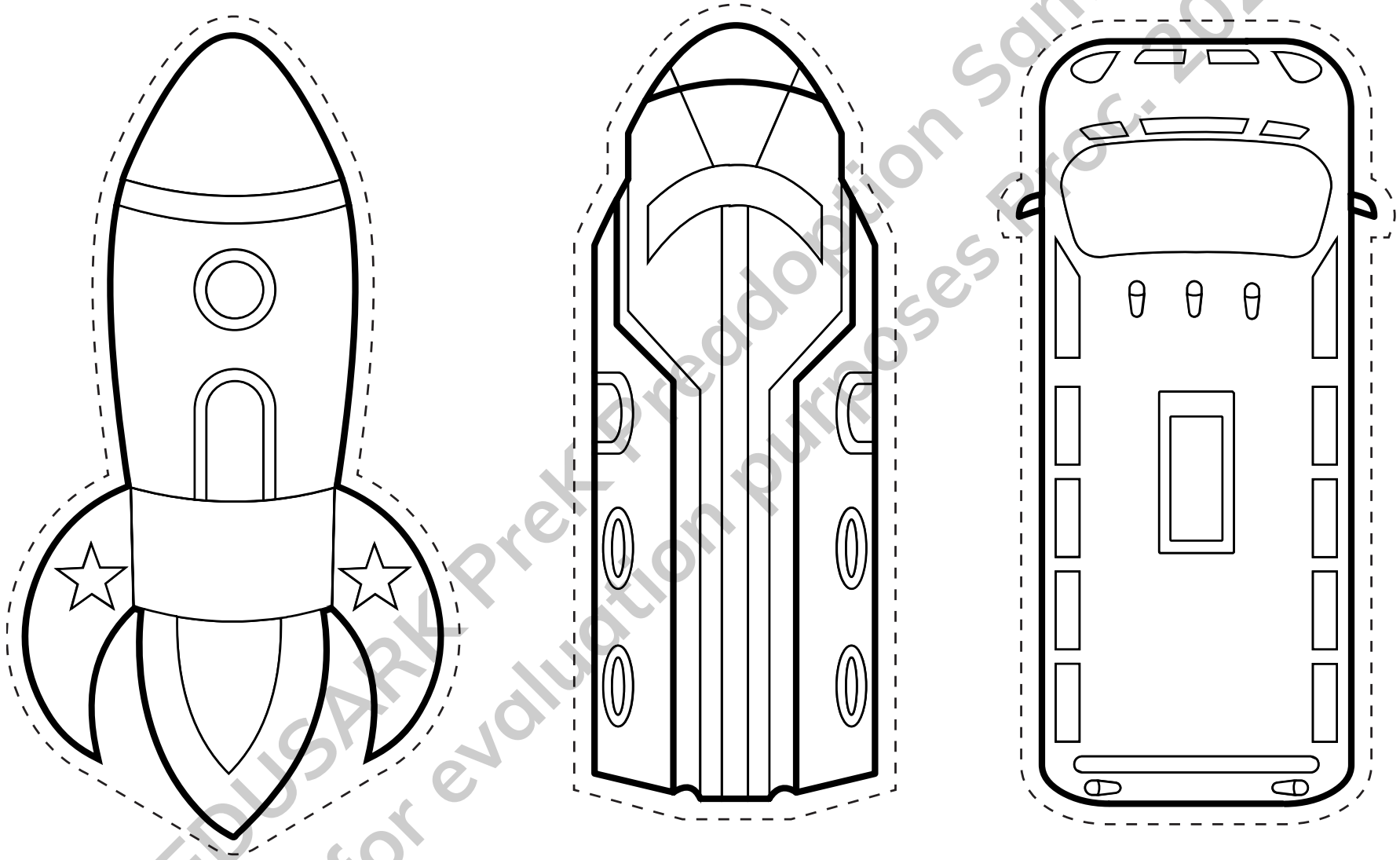


Cut



Assemble and glue the parts.

27



Provide different materials to color or paint (crayons, colors, markers, watercolors, brushes, etc.). Help the child to glue their vehicles on a straw with a thread as shown on page 1.

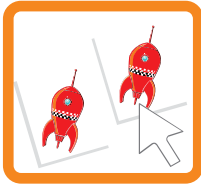
2

Online page

**Lesson 4 - Social Sciences**  
**A balloon can be a powerful toy**



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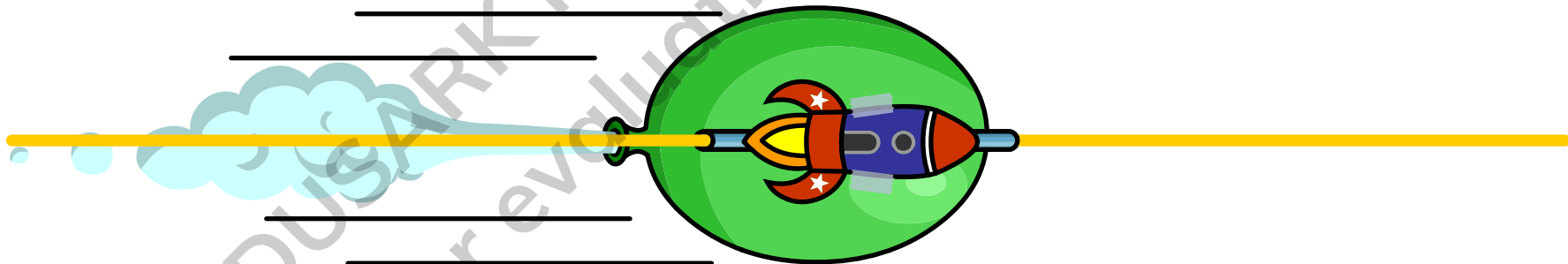
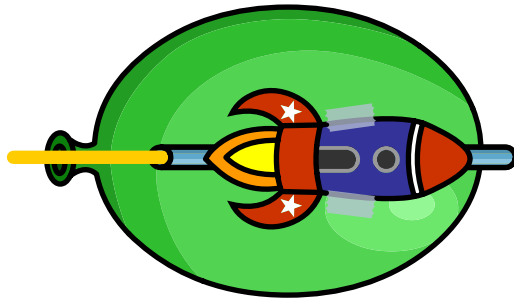
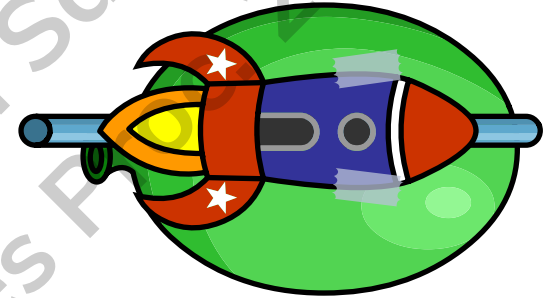
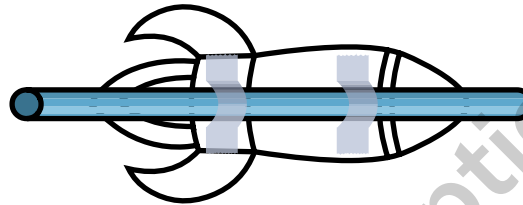
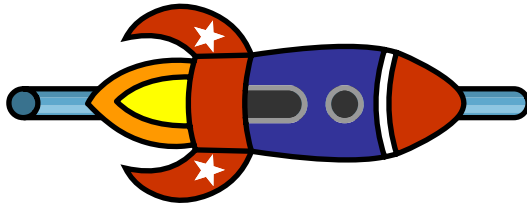
Prepare your experiment.



What do you expect to happen?



Observe and talk about what causes the vehicle's movement.



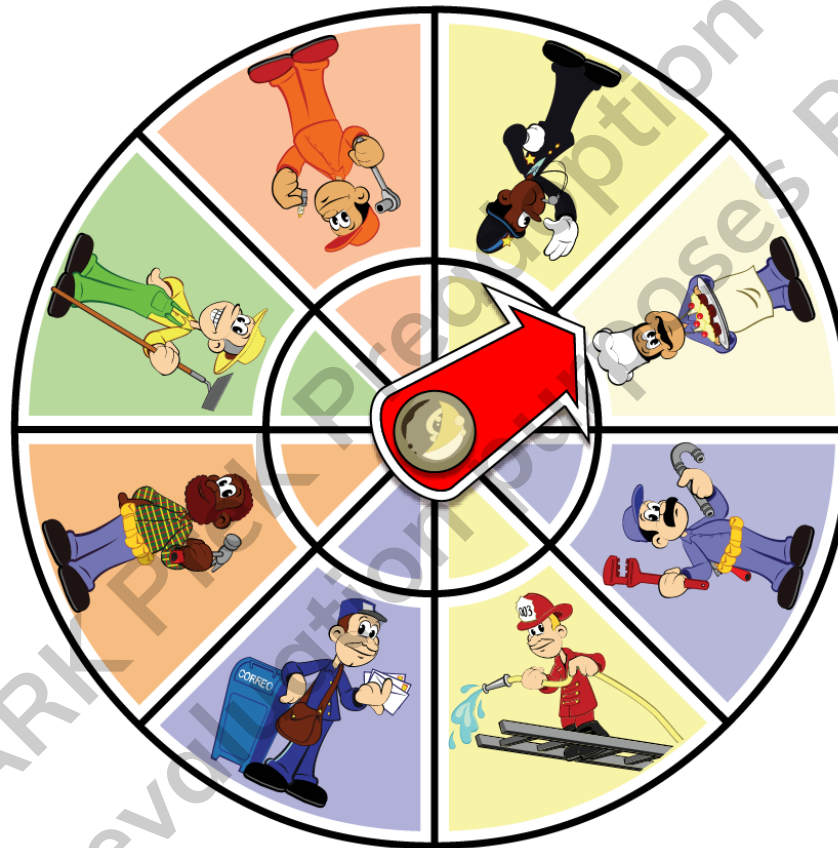
Blow up a balloon. Ask two students to stretch the thread. Ask them what they think will happen to the balloon before they release the balloon. Ask the child to observe, explore, describe and talk about what happens with the balloon vehicle in motion.





## Community Helpers

29



Arts and Crafts: Project 1  
Create a wheel of fortune of the community helpers.

1

Online page

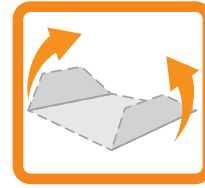
Lesson 5 - Social Sciences  
Community Helpers



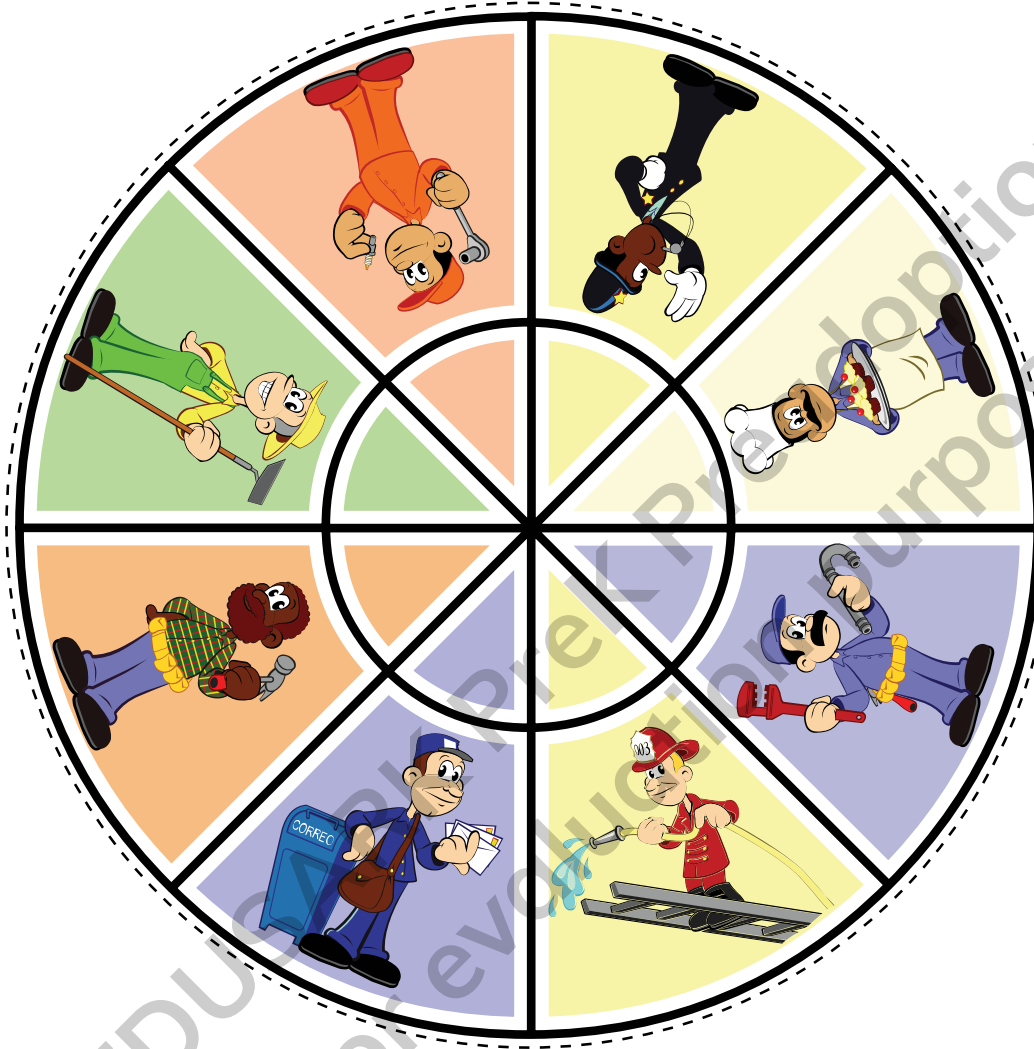
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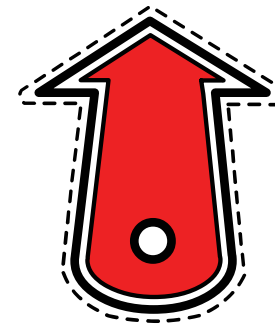
Cut and glue the wheel and the arrow on a poster board.



Cut the poster board and assemble the wheel of fortune as shown on page 1.



You will need one brass paper fastener.



Ask the child to name and describe each of the community helpers. Explain the wheel of fortune game. The child will spin the arrow and act out the role of the community helper. Another option: ask the child to name and describe the community helper the arrow lands on.

2

Online page

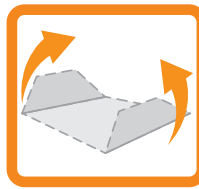
Lesson 5 - Social Sciences  
Community Helpers



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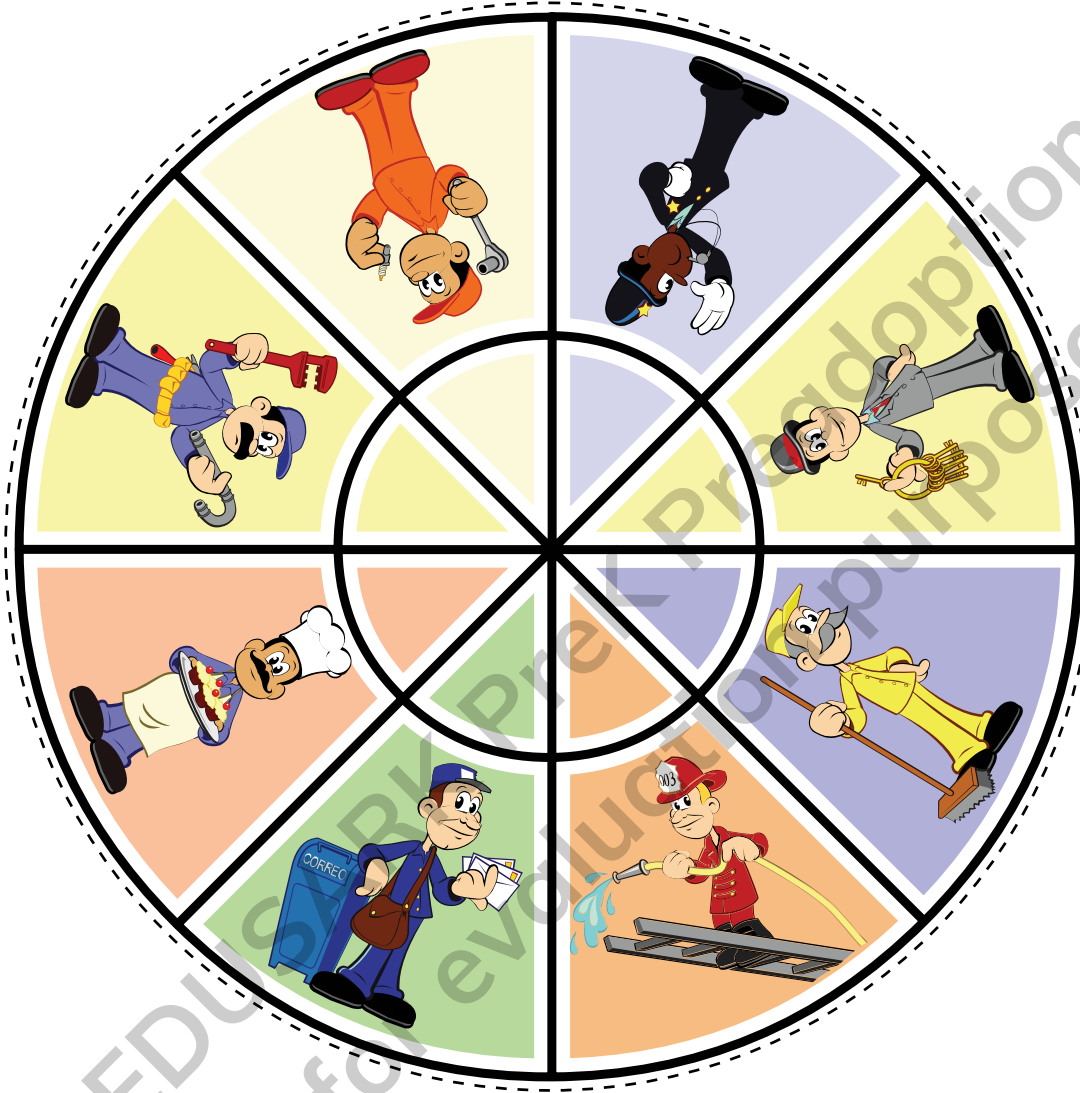


Cut and glue the wheel and the arrow on a poster board.

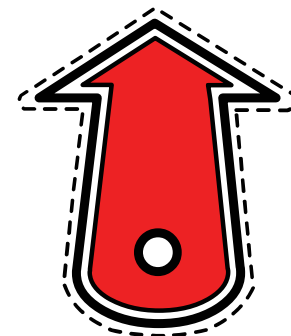


Cut the poster board and assemble the wheel of fortune as shown on page 1.

31



You will need one brass paper fastener.



Other options for the game: Ask the child to describe the clothes used by each community helper. Ask the child to simulate being a community helper. Ask the child to share if they know someone who has that job. Discuss with everyone the role or activity done by each of the community helpers.

3

Online page

Lesson 5 - Social Sciences  
Community Helpers



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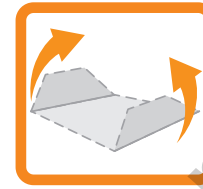




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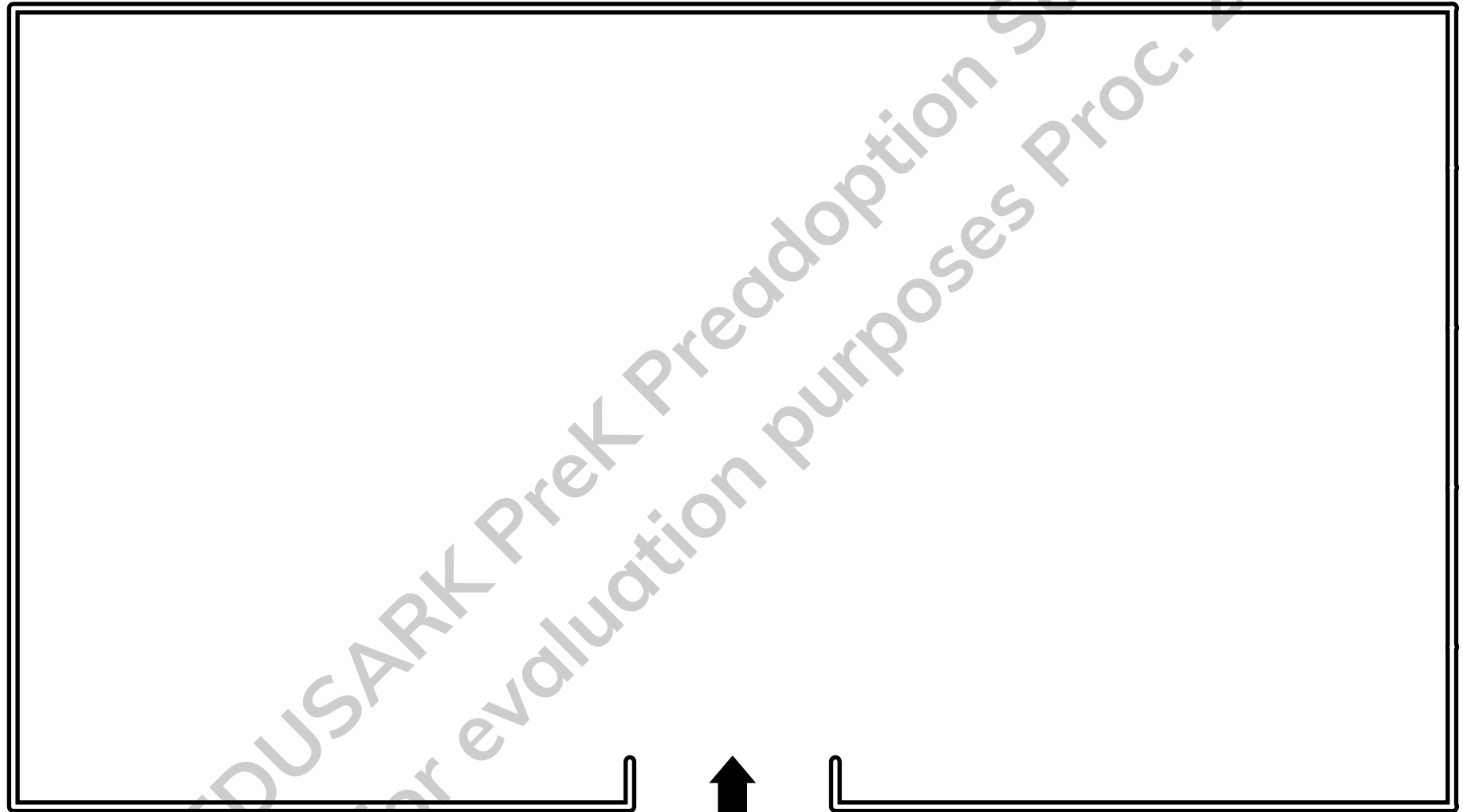


Cut



Glue on a poster board and assemble the map.

32



Ask the child to identify and name each image. Take the child for a tour from the main entrance of the school to the places represented in the images.

2

Online page

Lesson 5 - Social Sciences  
School map



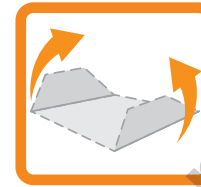
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Color

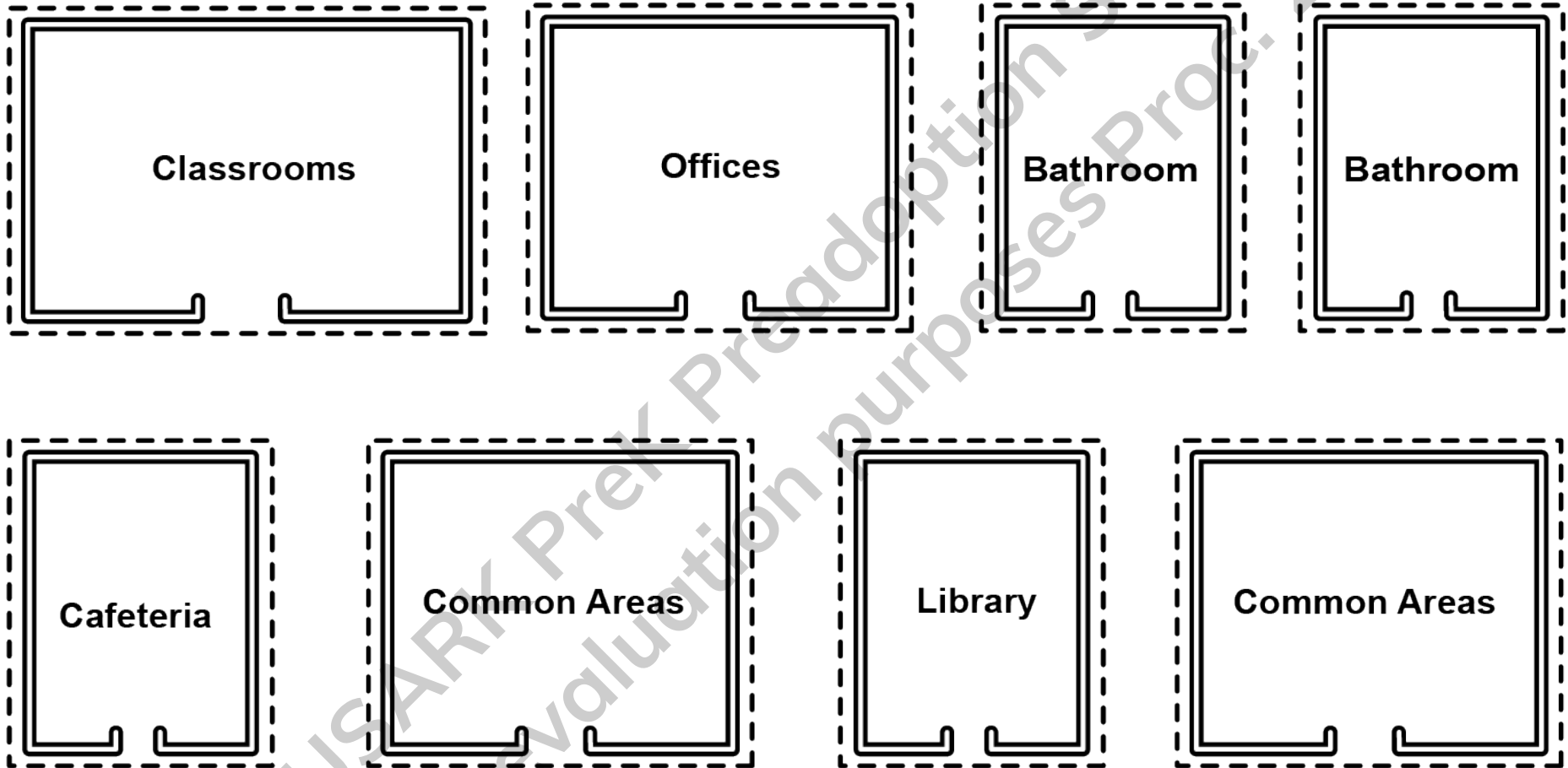


Cut



Glue on a poster board and assemble the map.

33



Help the child construct the blueprint. Ask the child to repeat words that indicate direction to explain how to go from the classroom to the cafeteria or the playground.

3

Online page

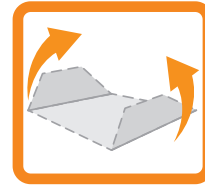
Lesson 5 - Social Sciences  
School map



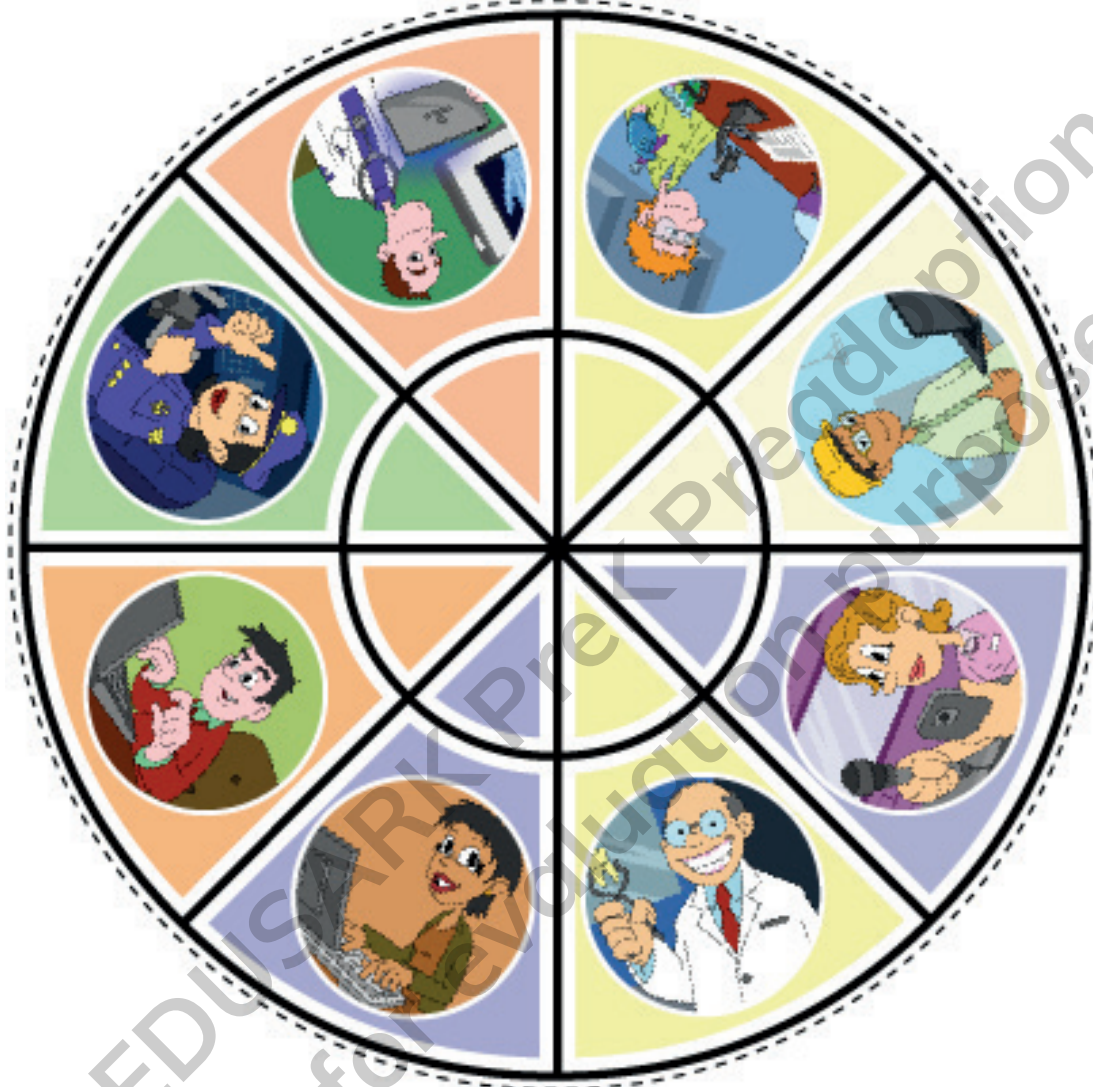
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Cut and glue the wheel and the arrow on a poster board.



Cut the poster board and assemble the wheel of fortune as shown on page 1.



You will need one brass paper fastener.



Ask the child to name and describe each of the workers. Explain the wheel of fortune game. The child will spin the arrow and act out the role of the worker. Another option: ask the child to name and describe the worker the arrow lands on.

2

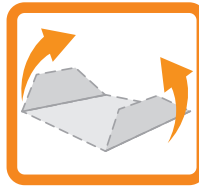
Online page

Lesson 6 - Social Sciences  
Professions



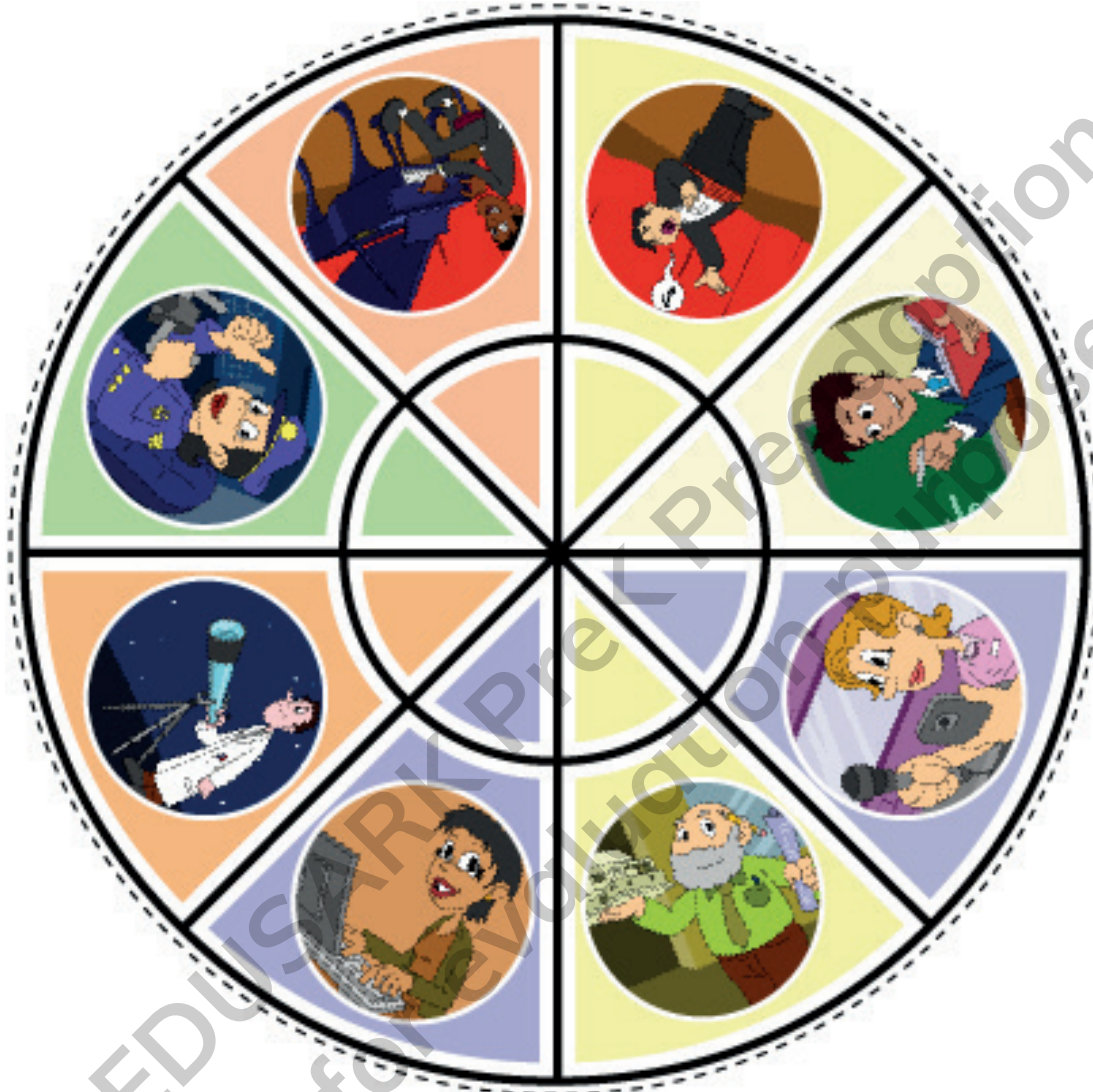


Cut and glue the wheel and the arrow on a poster board.



Cut the poster board and assemble the wheel of fortune as shown on page 1.

35



You will need one brass paper fastener.



Other options when the arrow lands on are: Ask the child to describe the clothes used by each worker. Ask the child to simulate being that worker. Ask the child to share if they know someone who has that job. Discuss with everyone the role or activity done by each of the workers in the community.

3

Online page

Lesson 6 - Social Sciences  
Professions



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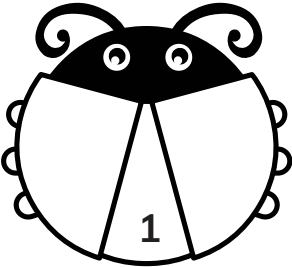
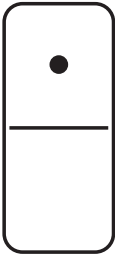
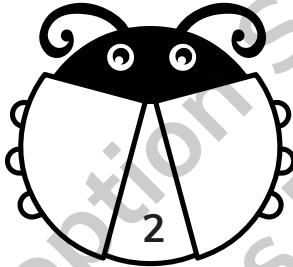
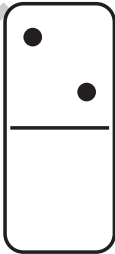
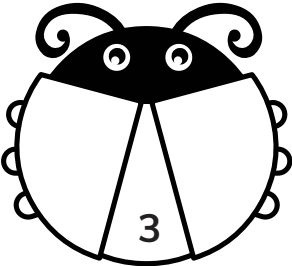
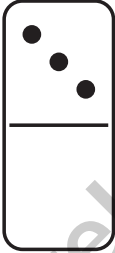
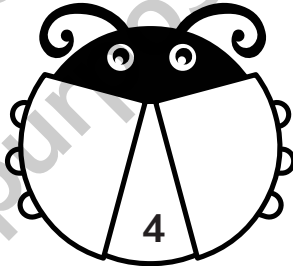
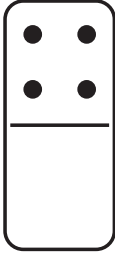
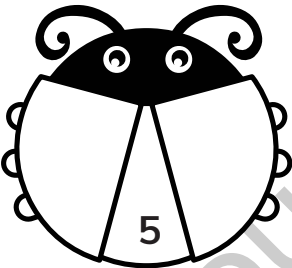

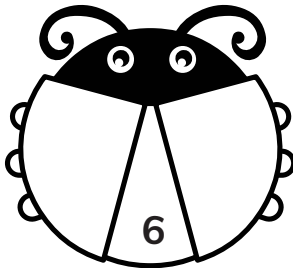
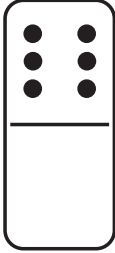


Color the ladybugs to identify numbers from 1 to 30.



Cut and play to make pairs.

36



Ask the child to match each ladybug with its corresponding domino tile.  
Play the memory game to make pairs.

2

Online page

Lesson 6 - Mathematics  
Counting 1 to 30



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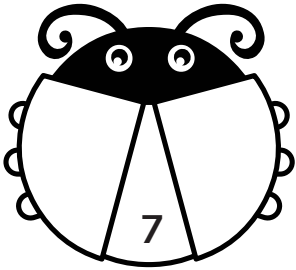
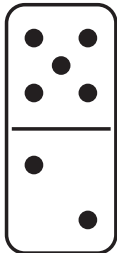
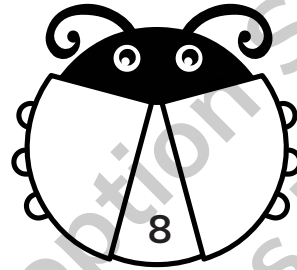
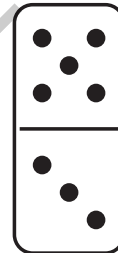
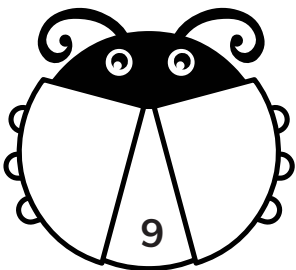
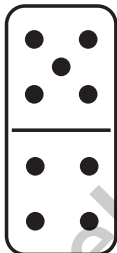
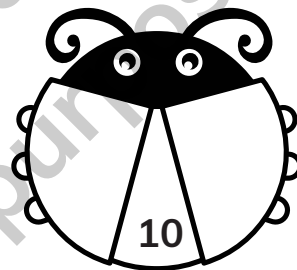
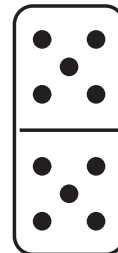

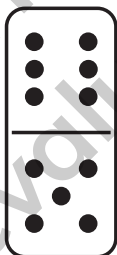
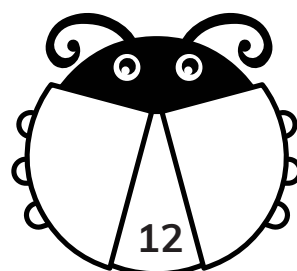
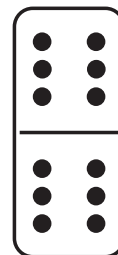


Color the ladybugs to identify numbers from 1 to 30.



Cut and play to make pairs.

37



Ask the child to match each ladybug with its corresponding domino tile.  
Play the memory game to make pairs.

3

Online page

Lesson 6 - Mathematics  
Counting 1 to 30



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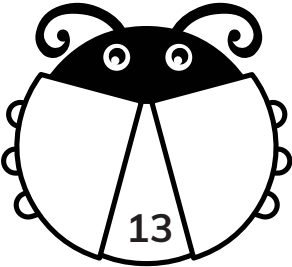
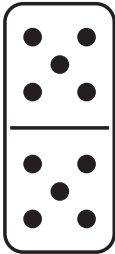
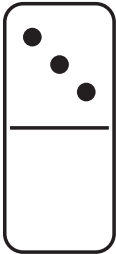

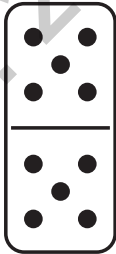

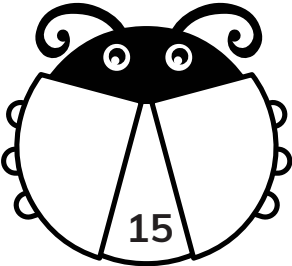
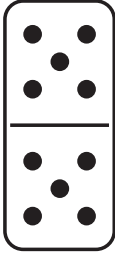
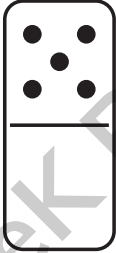
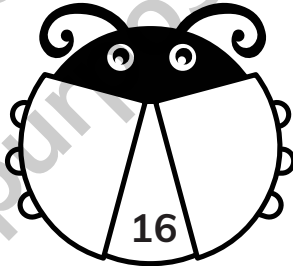
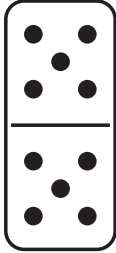
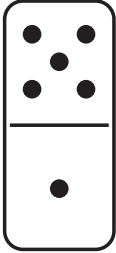
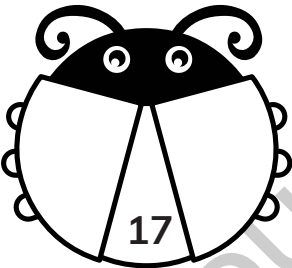
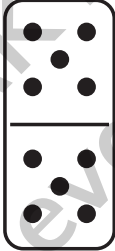
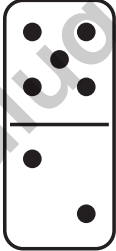
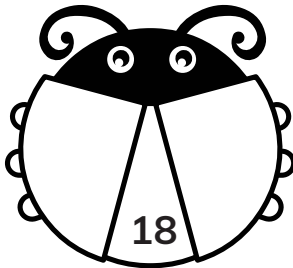
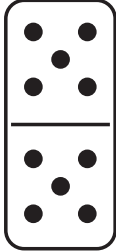
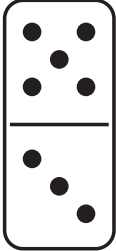


Color the ladybugs to identify numbers from 1 to 30.



Cut and play to make pairs.

38



Ask the child to match each ladybug with its corresponding domino tile.  
Play the memory game to make pairs.

4

Online page

Lesson 6 - Mathematics  
Counting 1 to 30



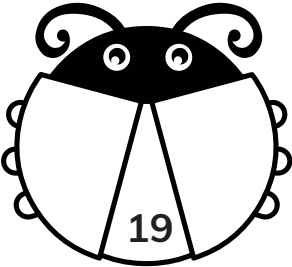
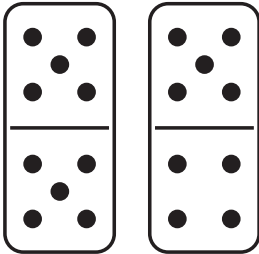

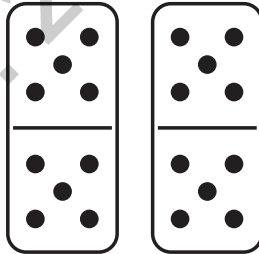
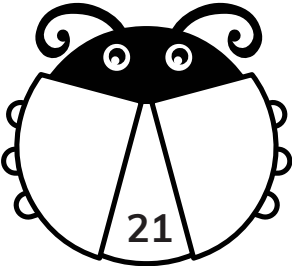
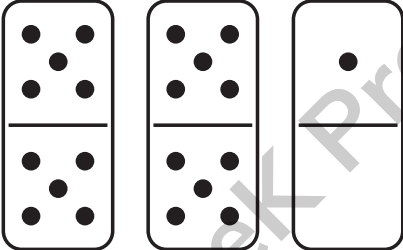

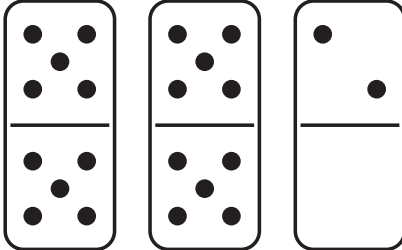

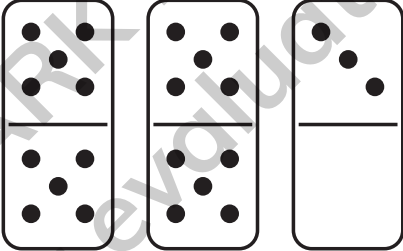
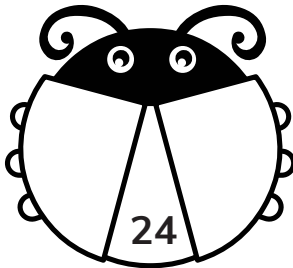
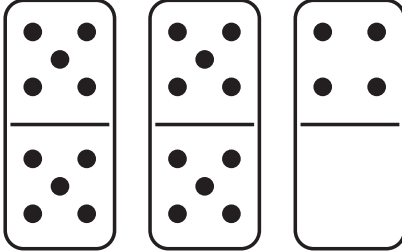
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Color the ladybugs to identify numbers from 1 to 30.



Cut and play to make pairs.



Ask the child to match each ladybug with its corresponding domino tile.  
Play the memory game to make pairs.






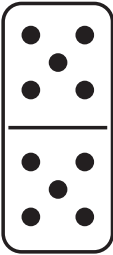
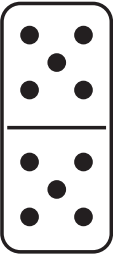


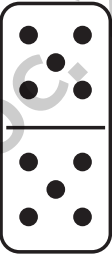
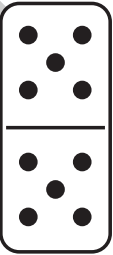
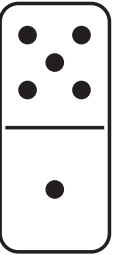

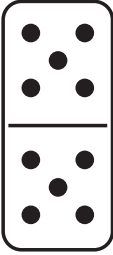
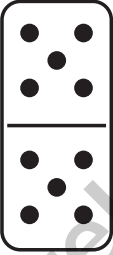

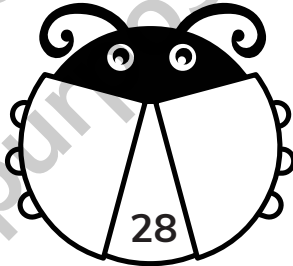
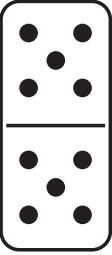
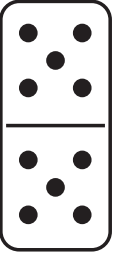
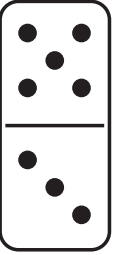

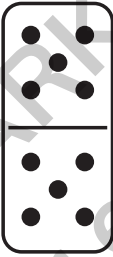

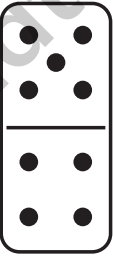
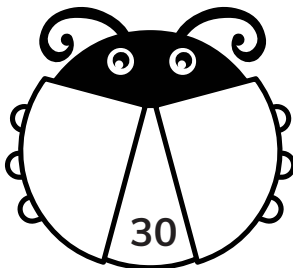
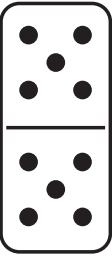
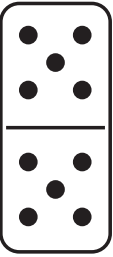
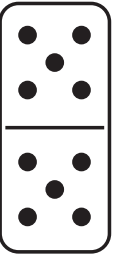


Color the ladybugs to identify numbers from 1 to 30.



Cut and play to make pairs.

40



Ask the child to match each ladybug with its corresponding domino tile.  
Play the memory game to make pairs.

6

Online page

Lesson 6 - Sciences  
Counting 1 to 30



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Look at various sources of energy.



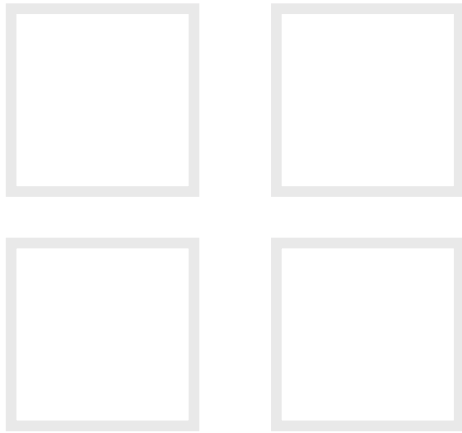
Cut



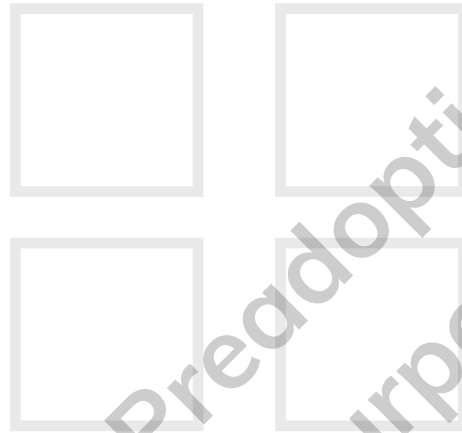
Classify and glue each object according to the type of energy.

41

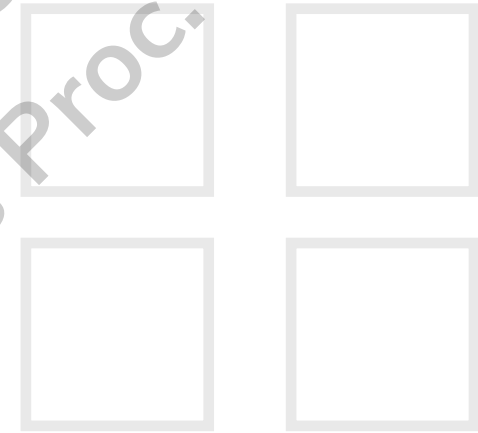
sources of light



sources of heat



sources of sound



Project 1. Observe, explore, describe, and discuss objects that produce light, heat, or sound, as examples of energy sources.

2

Online page

Lesson 6 - Sciences  
Light, heat or sound sources



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Observe and describe various light sources.



Cut



Discuss, classify and glue each object into two groups: those that produce natural light and those that produce artificial light.

natural light


artificial light




Explain to the child that the sun is a natural source of light and heat. In contrast, a light bulb is a man-made energy source, which is why it is called an artificial energy source. Ask the child to investigate, describe and discuss other objects that are sources of artificial light.



Observe and describe the source of energy of each one.

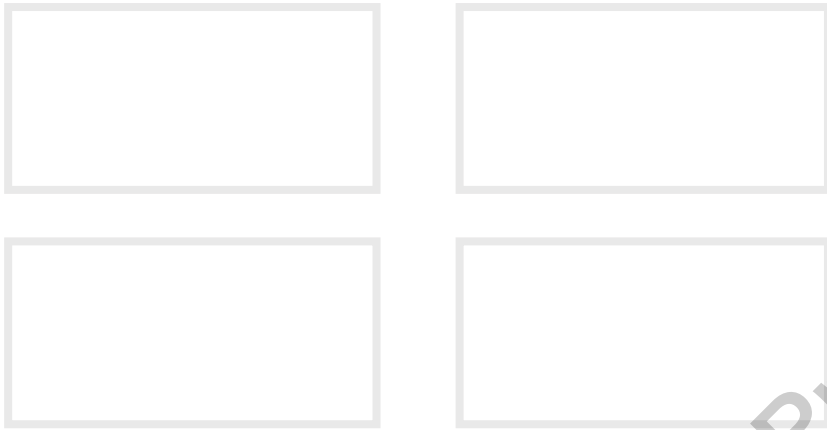


Cut, sort and glue electrically powered objects and battery-powered objects.

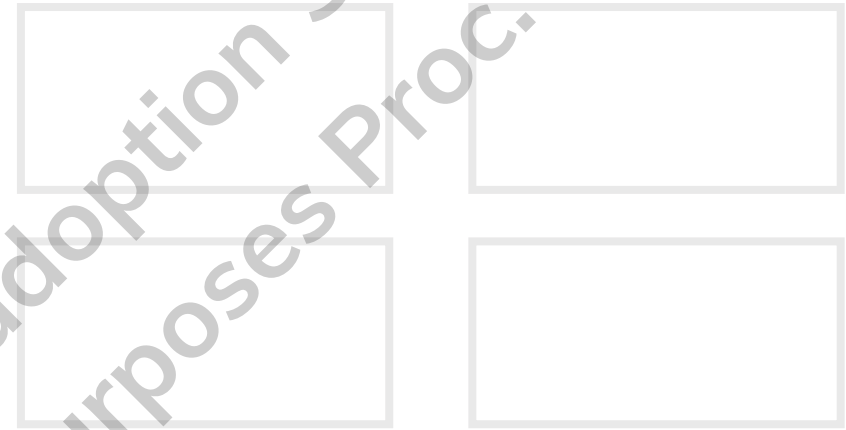


Investigate and discuss the different uses of batteries.

### electrically powered objects



### battery-powered objects



Explain to the child that the sun is a natural source of light and heat. Instead, electricity is an artificial source of energy, which can produce light, like a lamp, can produce heat like a hair dryer, or can produce movement like a blender or laundry machine. Investigate and discuss how batteries used by toys are also a source of energy.