

(1) Where can you see water? Point and explain.



Now do we find water in nature? Watch the video and learn more.

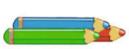




44 3 Look at the pictures. Tick the right word. Then, listen and check.



solid
liquid
gas



liqui
gas

solid liquid

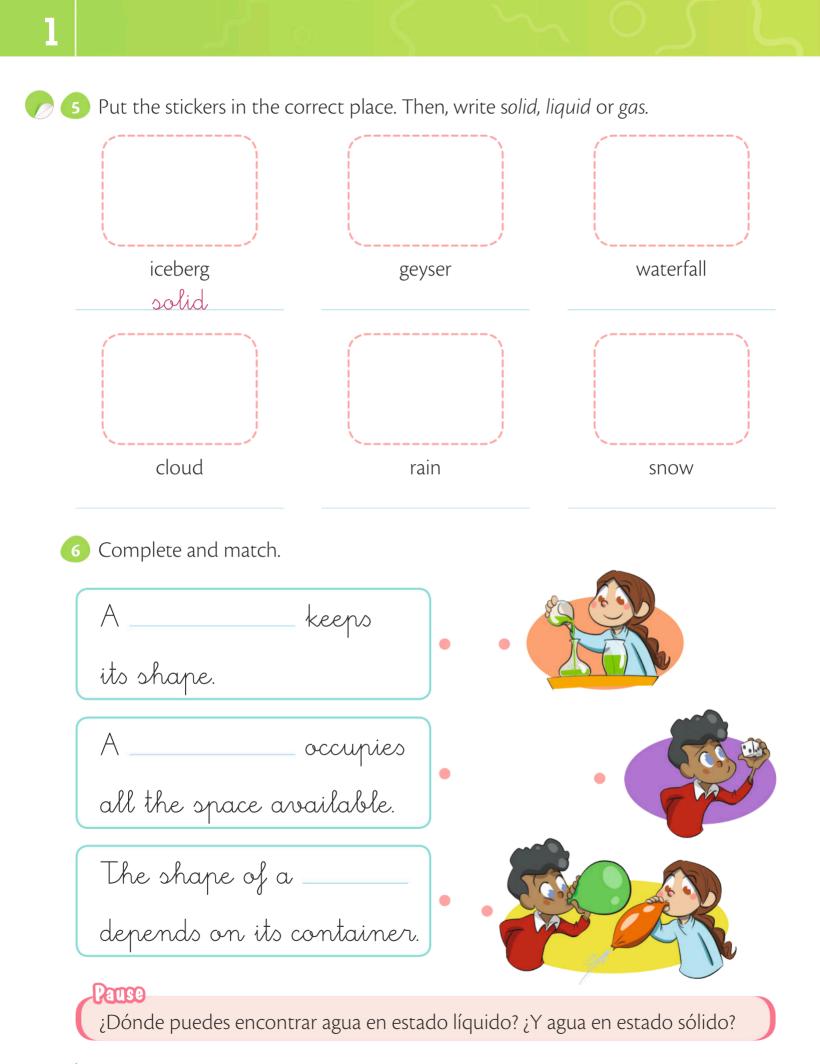
gas

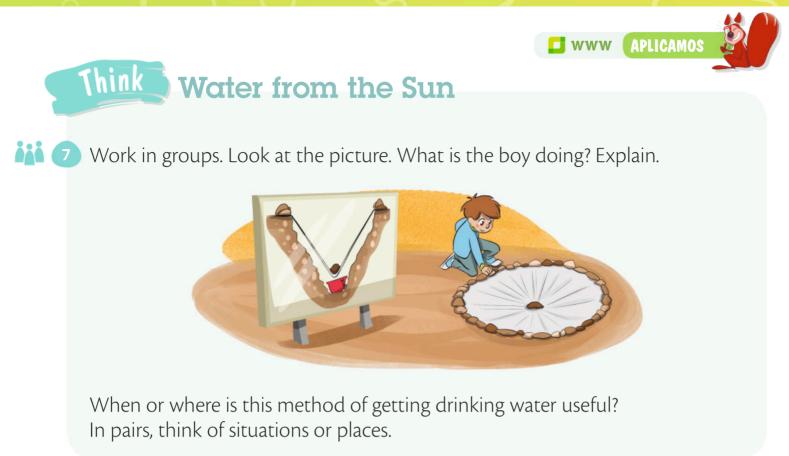


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8) What's missing in these pictures? Draw and circle.



Solid, liquid or gas? Make a poster. Then, point and say.



OFF BOOK



COMPRENDEMOS

(1) What are Sam and Daliya doing? What do they want to know? Explain.



Nhat can we say about matter? Watch the video and learn more.

Masa y volumen

Todos los seres vivos e inertes del universo son materia. Toda la materia tiene dos propiedades en común: la masa y el volumen.



La **masa** es la **cantidad** de materia que tiene un objeto. Los objetos pueden ser **pesados** o **ligeros**.

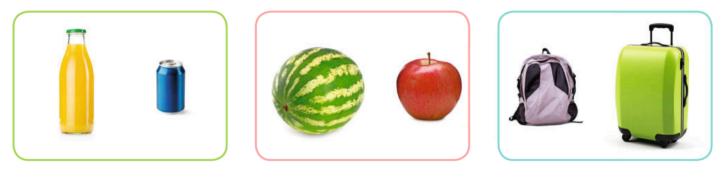


El **volumen** es la cantidad de **espacio** que ocupa un objeto.

Which ball has more mass? Put them in order from heavy to light. Then, listen and check.

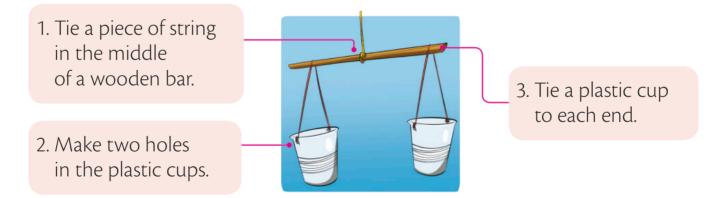


3 Look and circle. Which item has more volume?



Hands on! Work in pairs. Make balance scales.

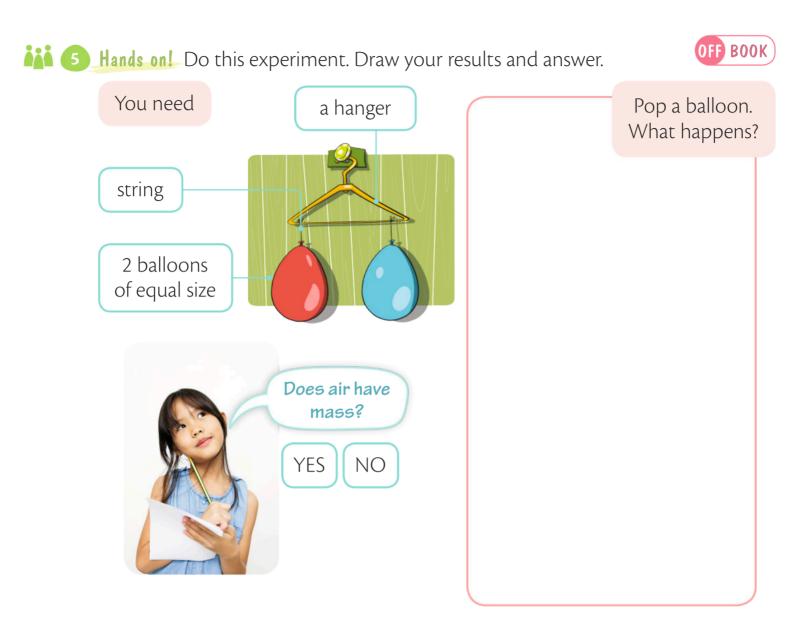




Choose three classroom objects. Make a hypothesis: Put the objects in order from light to heavy. Then, try your scales and check.

From light to heavy

Hypothesis:	 	
Fact:	 	



6 Look at these objects. Order them depending on their volume.



¿Es el aire materia? ¿Cómo puedes saberlo?



www NOS ACTIVAMOS

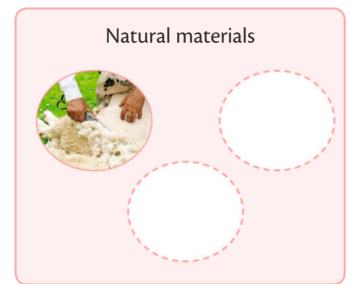
(1) What do we use for making objects? What different materials can you name?



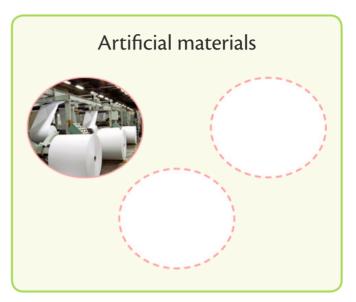
Nhat materials do we use every day? Watch the video and learn more.



2 Put the stickers in the correct place. Then, listen and check.



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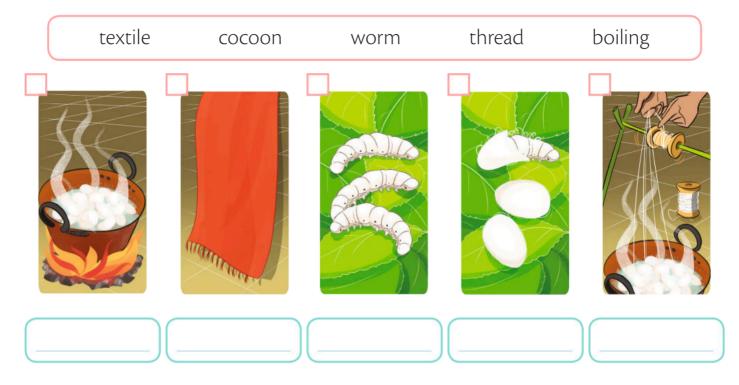
What materials do we use for making these things? Match. Then, check in pairs.



Identify four different materials in this bedroom. Label and match.



Look and number. Label the pictures with the words in the box. Then, listen and check.



6 Hands on! Let's make paper. Follow the instructions in the pictures.



¿Podemos reducir la contaminación si utilizamos materiales naturales?





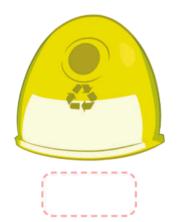
- Discuss your ideas about helping the environment in groups. Then, make a 'to-do' list.
 - How can we reduce our use of paper?
 - How can we reuse paper?
 - Can we recycle paper?

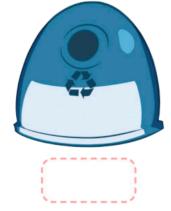
Find ways of making a new thing from an old item.



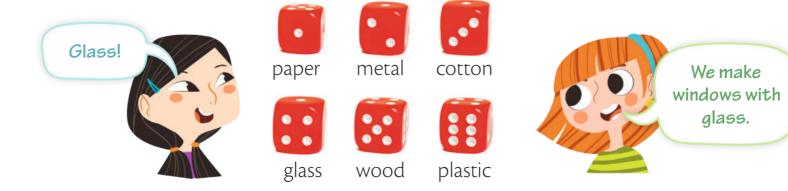
51 8 Say the chant.

9 Use the stickers and identify the containers. Draw an object in each container.





禛 🔟 Play! Name an object we make with ...



OFF) BOOK

💶 www Nos Activamos

(1) How are Sam and Daliya classifying these objects? Look and explain.

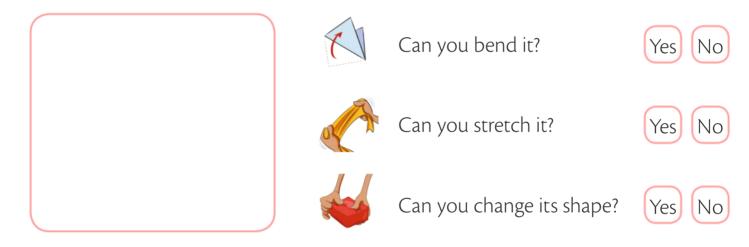


Natch the video and learn about some characteristics of materials.





3) Choose an object in the classroom. Draw it. Try these actions and answer.



4 Match the materials to the objects. Then, write A (absorbent) or W (waterproof).



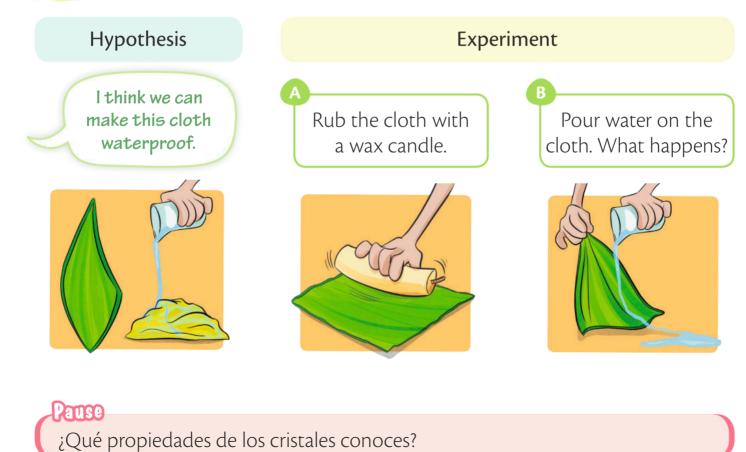


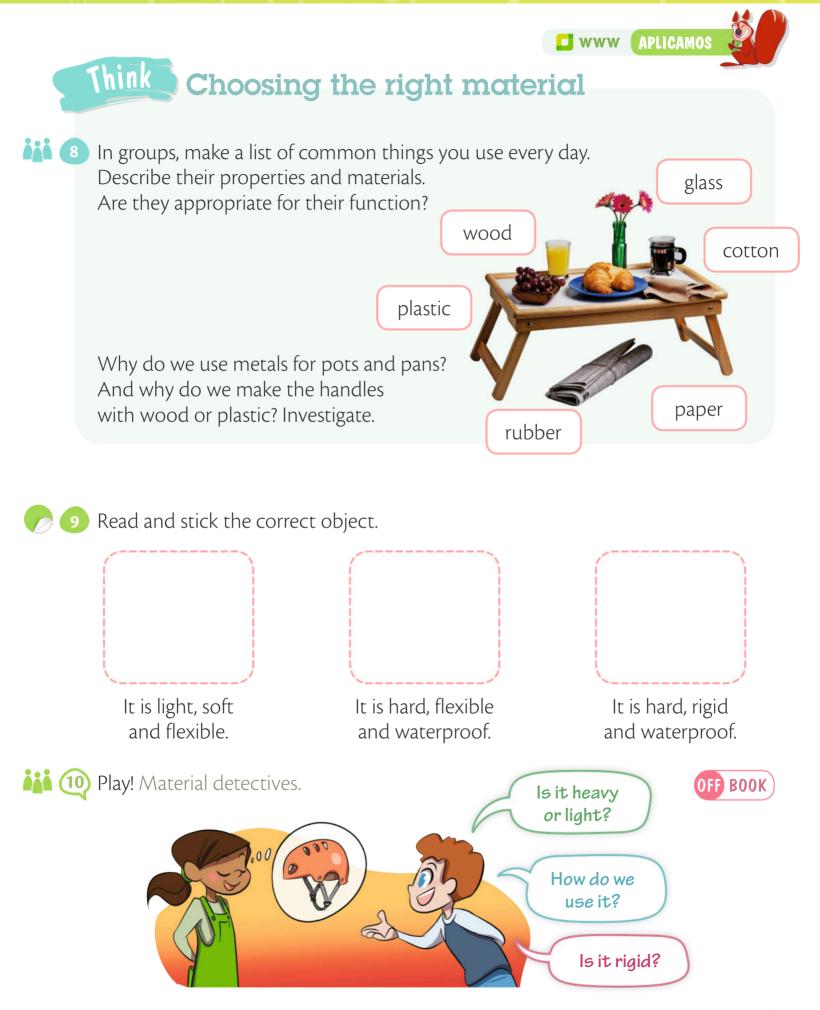
iii 6 Study the pictures and complete the chart. Then, check in pairs.

We make it with	 cloth	
Is it hard or soft?		
Is it rigid or flexible?	 	
ls it absorbent or waterproof?	 	
We use it for	 	

Hands on! Let's do science: from absorbent to waterproof.

OFF BOOK







Look. Which objects does Mr. Brown use for each task?



> How do machines help us? Watch the video and learn more.



Las máquinas nos ayudan a diario y nos ayudan a reducir el esfuerzo humano.



Podemos levantar objetos pesados.



Podemos mover objetos fácilmente.

COMPRENDEMOS

rampa

Algunas máquinas necesitan energía humana.

o combustible.

tijeras de podar



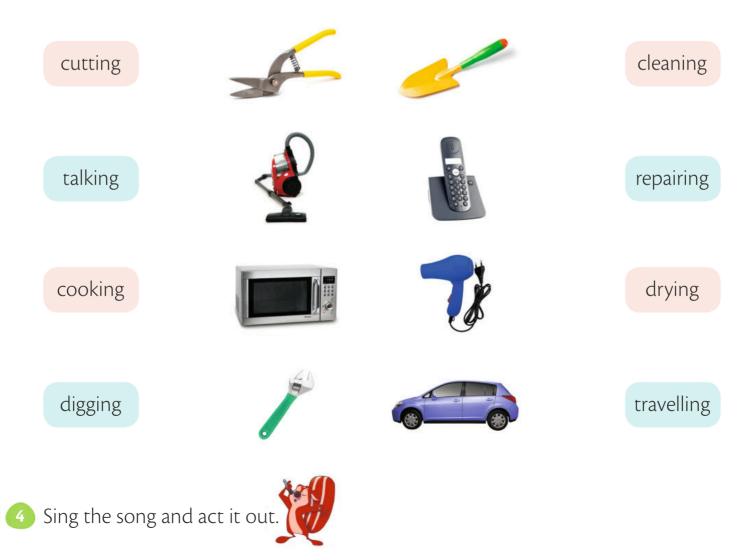








3 What do we use these machines for? Match. Circle the electrical machines.



Hands on! Let's make a pulley!

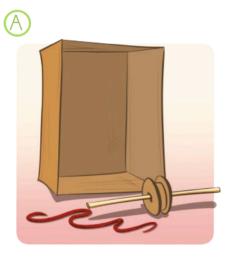


You need

1 cardboard box, 4 cardboard circles, 1 wooden stick, string, scissors, glue.



Instructions





6 Look at the pictures. What machines are they using? Write *lever, pulley* or *ramp*.







¿Qué tipo de máquinas utilizas a diario?



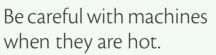
(hink) Safety first!

5 Study the pictures in groups. What are the dangers in these situations?



Do not use electric devices near water.







Use gloves and glasses.

In groups, think and write advice for using machines in a safe way.

(8) In pairs, ask and answer questions about these machines.





1 Help Sam and Daliya put these telephones in order for their exhibition.



Natch the video and learn more about some great inventions.

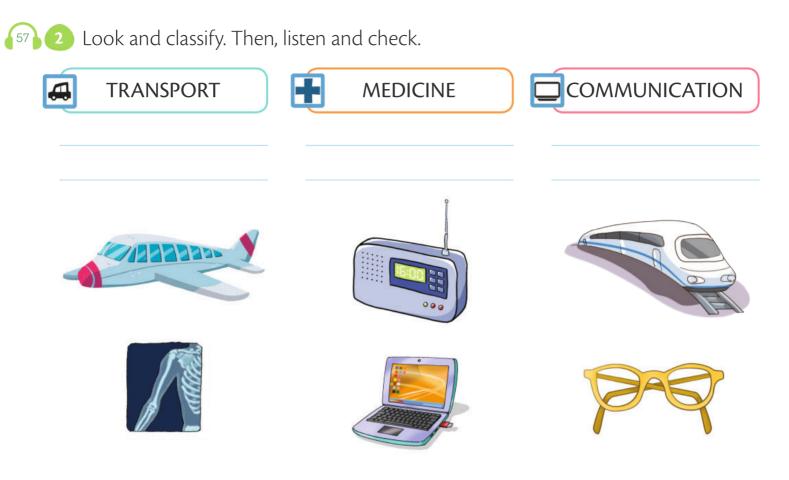
COMPRENDEMOS

Los inventos en la vida cotidiana

Los **inventores** buscan soluciones a las distintas necesidades del ser humano y crean **inventos**: nuevos objetos y utensilios que no existían antes.

Los inventos se mejoran constantemente y siempre aparecen nuevos inventos.



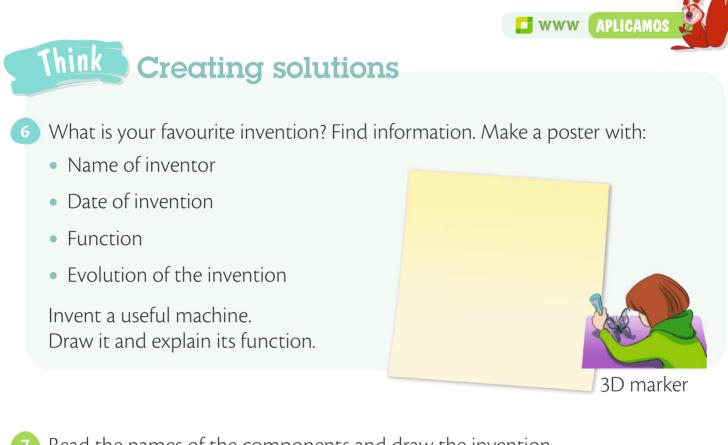


3 Put these sequences in order from old to new. Then, imagine and draw these objects in the future.



Work in pairs. Find information about these inventions. Label the pictures with the words in the box. Match the inventions and the inventors.





Read the names of the components and draw the invention.

