

LOWER PRIMARY

Advance Science

E-Booklet Part 1





Reversible or Irreversible Changes

Lower Primary Advance Science

When matter can return to its original state it is a reversible change.

When matter cannot return to its original state it is an irreversible change.



Circle which changes are reversible or irreversible.

1. Dissolving salt in water.	REVERSIBLE	IRREVERSIBLE
2. Freezing of water.	REVERSIBLE	IRREVERSIBLE
3. Boiling an egg.	REVERSIBLE	IRREVERSIBLE
4. Water evaporating as the kettle boils.	REVERSIBLE	IRREVERSIBLE
5. Rusting of iron gate.	REVERSIBLE	IRREVERSIBLE
6. Burning wood in a campfire.	REVERSIBLE	IRREVERSIBLE
7. Melting chocolate.	REVERSIBLE	IRREVERSIBLE
8. Cracking an egg in a frying pan and heating it up.	REVERSIBLE	IRREVERSIBLE
9. The growth of a plant.	REVERSIBLE	IRREVERSIBLE
10. Baking a cake with all your ingredients.	REVERSIBLE	IRREVERSIBLE
11. Stretching a rubber band.	REVERSIBLE	IRREVERSIBLE



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IRREVERSIBLE

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IRREVERSIBLE

5. Rusting of iron gate.

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IRREVERSIBLE

6. Burning wood in a campfire.

REVERSIBLE

IRREVERSIBLE

7. Melting chocolate.

REVERSIBLE

IRREVERSIBLE

8. Cracking an egg in a frying pan and heating it up.

REVERSIBLE

IRREVERSIBLE

9. The growth of a plant.

REVERSIBLE

IRREVERSIBLE

10. Baking a cake with all your ingredients.

REVERSIBLE

IRREVERSIBLE

11. Stretching a rubber band.



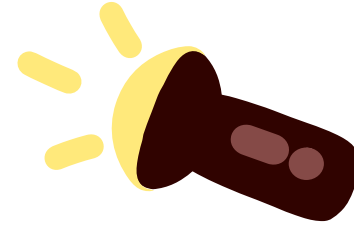

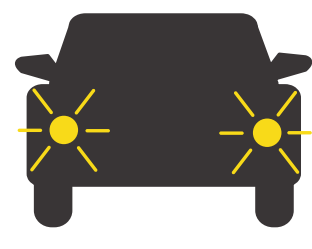


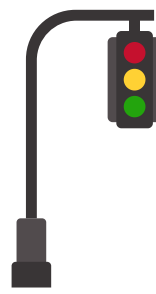





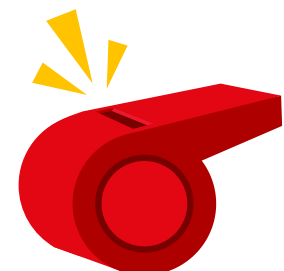

REVERSIBLE

IRREVERSIBLE

Light or Sound

Lower Primary Advance Science



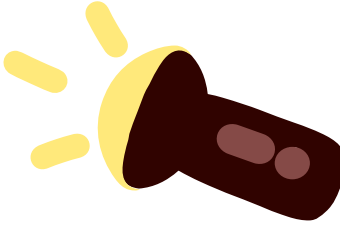

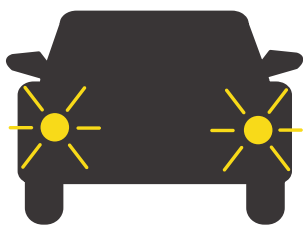
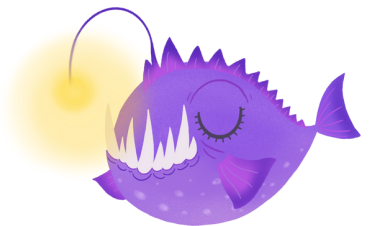

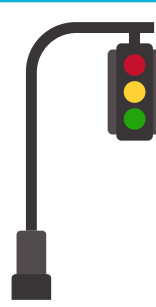







Circle the correct answer as shown in the picture.

 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>
 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>
 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>
 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>
 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>	 <div> <div>Light</div> <div>Sound</div> </div>

Light or Sound - Solutions

Lower Primary Advance Science

Circle the correct answer as shown in the picture.

 <div> Light Sound </div>	 <div> Light Sound </div>	 <div> Light Sound </div>
 <div> Light Sound </div>	 <div> Light Sound </div>	 <div> Light Sound </div>
 <div> Light Sound </div>	 <div> Light Sound </div>	 <div> Light Sound </div>
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 <div> Light Sound </div>	 <div> Light Sound </div>	 <div> Light Sound </div>





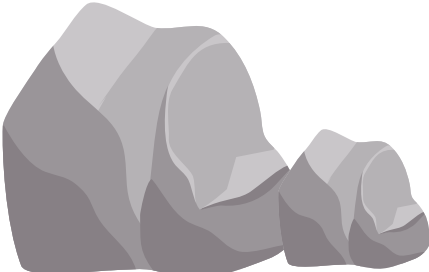

Natural Resources

Lower Primary Advance Science

Natural resources are things found in nature.

Look at the pictures and write the words in the correct boxes

Air	Plants	Minerals	Rocks
Soil	Water	Trees	Sunlight
Oil	Natural Gas	Animals	Coal

 <div></div>	 <div></div>	 <div></div>
 <div></div>	 <div></div>	 <div></div>
 <div></div>	 <div></div>	 <div></div>
 <div></div>	 <div></div>	 <div></div>




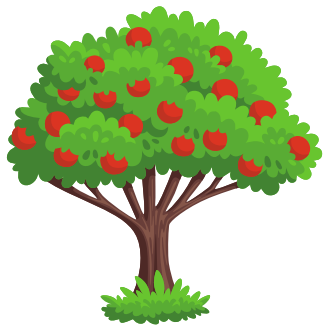
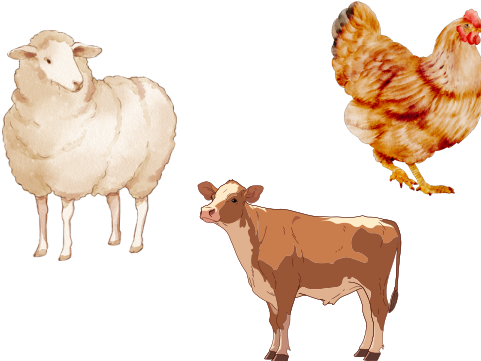




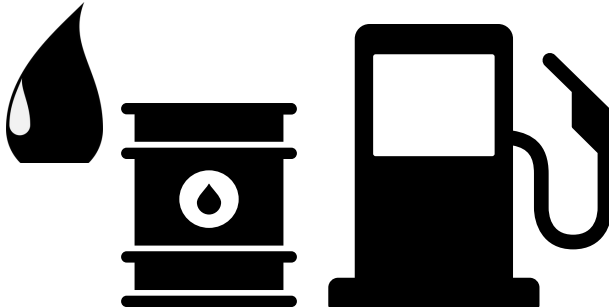


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Air	Plants	Minerals	Rocks
Soil	Water	Trees	Sunlight
Oil	Natural Gas	Animals	Coal

 <div>Water</div>	 <div>Air</div>	 <div>Sunlight</div>
 <div>Trees</div>	 <div>Animals</div>	 <div>Plants</div>
 <div>Minerals</div>	 <div>Soil</div>	 <div>Rocks</div>
 <div>Oil</div>	 <div>Coal</div>	 <div>Natural Gas</div>

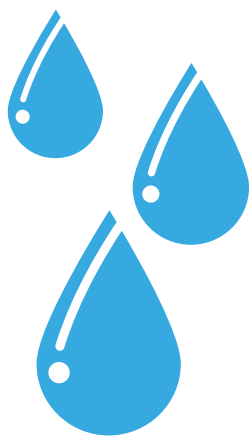
What do Plants need?

Lower Primary Advance Science

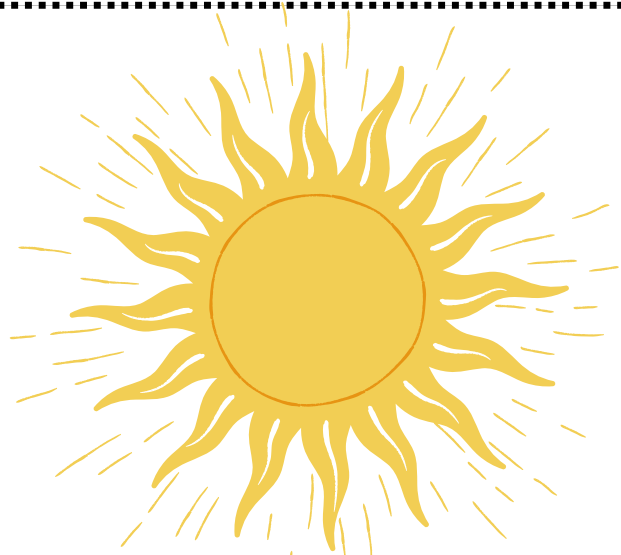
Cut and paste your answers in the box provided.



cake



water



sunlight



soil



milkshake

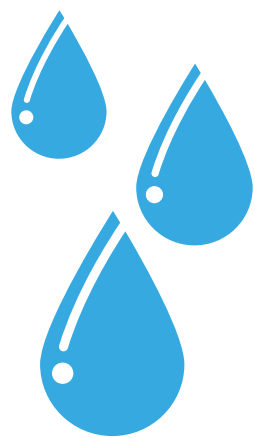
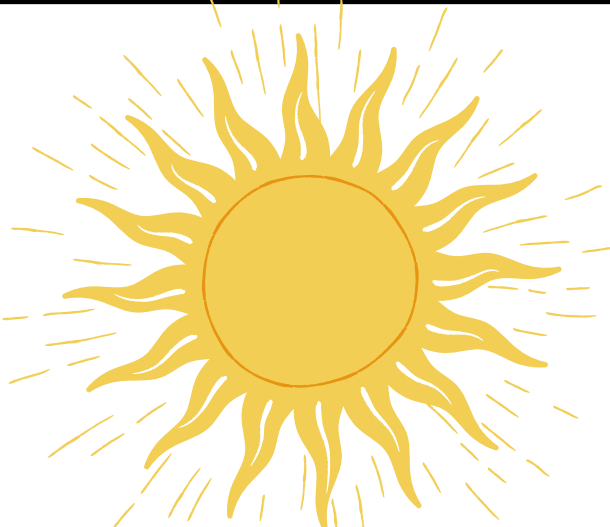




air


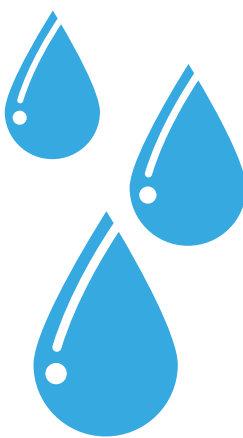
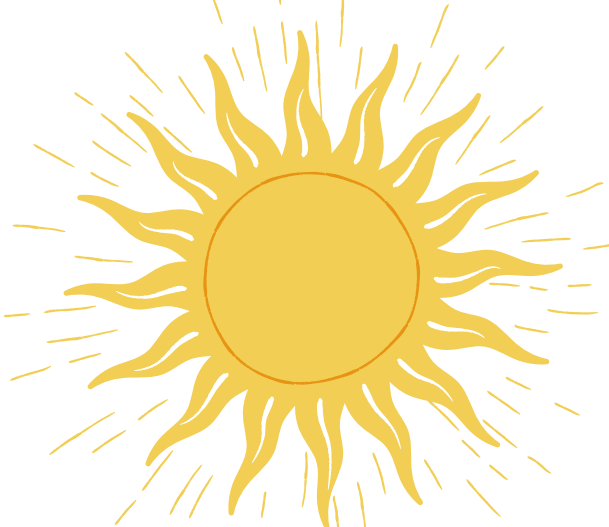
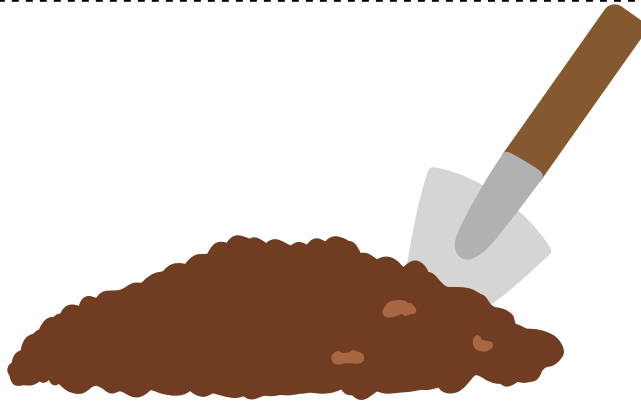


What do Plants need?

Lower Primary Advance Science

Cut and paste your answers in the box provided.

 <p>water</p>	 <p>sunlight</p>
 <p>air</p>	 <p>soil</p>



 <p>cake</p>	 <p>water</p>	 <p>sunlight</p>
 <p>soil</p>	 <p>milkshake</p>	 <p>air</p>