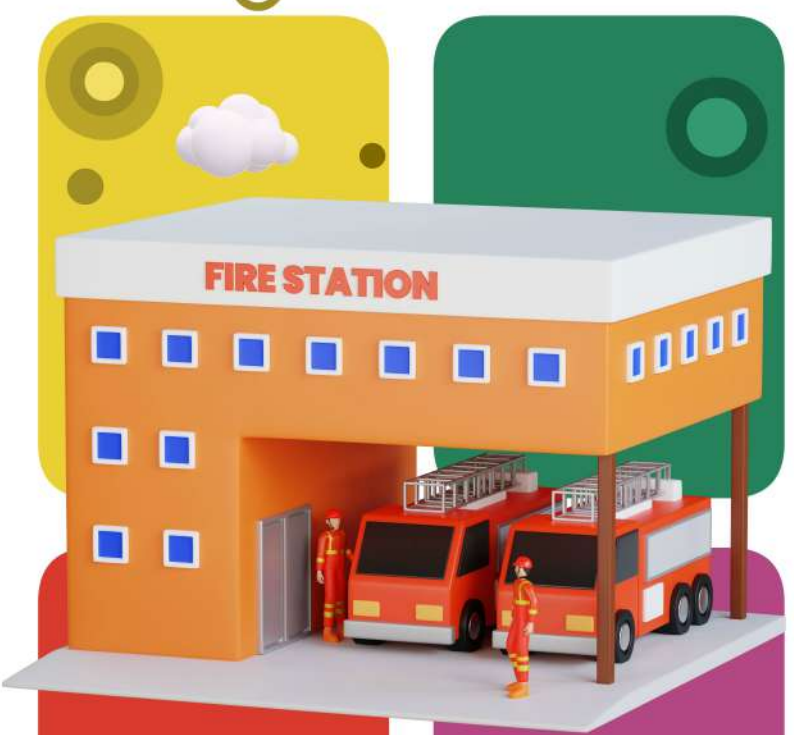
i-Life

Experiential Series

Physical Science



Present in
USA | UAE | India

i-Life

Hello!
My Name is _____

Circle the places that you see in your Neighbourhood.

Physical Science

TABLE OF CONTENTS

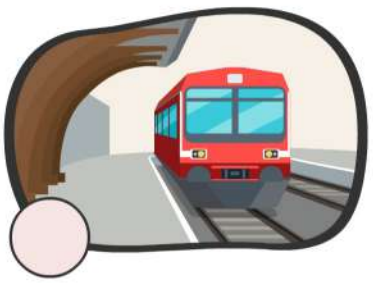
HOW TO USE THIS BOOK

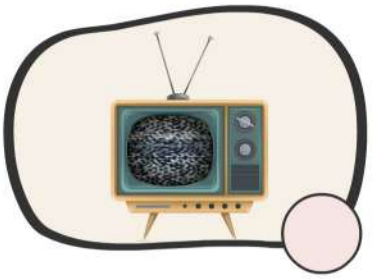
Scan the QR Code to know how to use this book

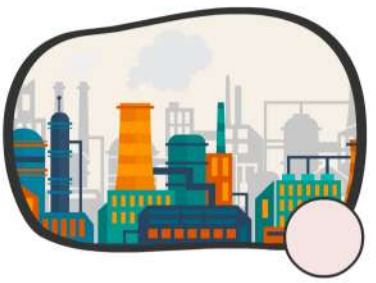
Noise Pollution

Name:_____ Date:_____

Below given pictures are all related to noise pollution. Match the number to the correct picture.







1.Machines

2.TV noise

3.Music noise

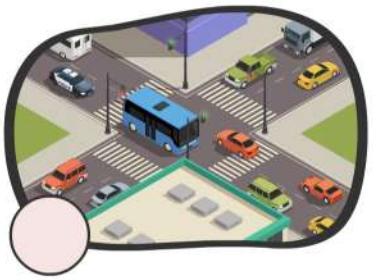
4.Traffic noise

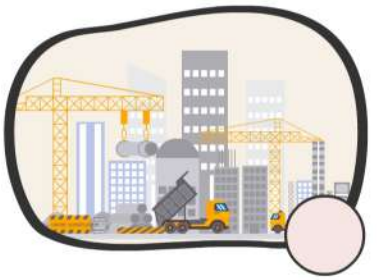
5.Railway stations

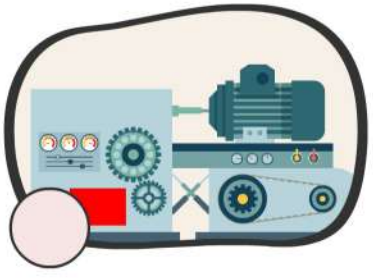
6.Industrial noise

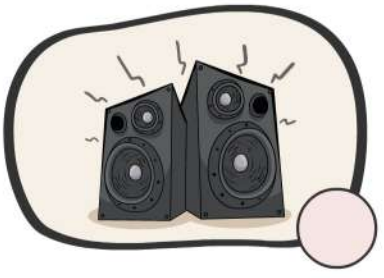
7.Construction work

8.Noise created by people









Activity oriented

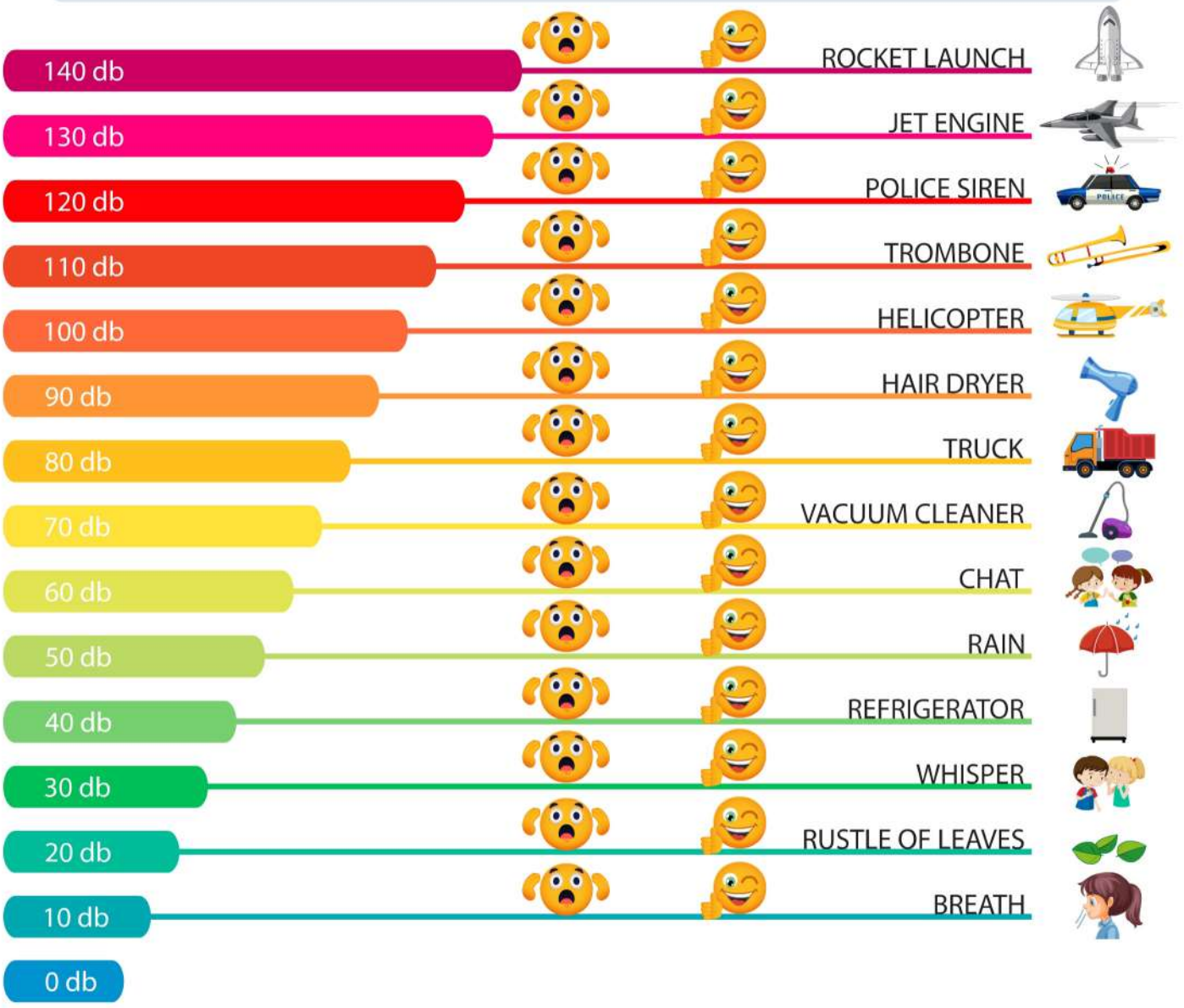
Good	Very good	Excellent
☆	☆☆	☆☆☆

Teacher's Sign:_____

Noise Pollution

Name:_____ Date:_____

The unit with which we measure noise is called decibel.



Circle the correct emoji according to the noise level of the given images.

1) What is the unit used to measure noise level? _____

2) At what noise level is the sound of rain? _____

3) Which is the highest noise level in this grid? _____

4) What is the unit and colour of the lowest noise?_____

Activity oriented

Good ☆ Very good ☆☆ Excellent ☆☆☆

Teacher's Sign:_____

Community helpers

Name:_____ Date:_____

Read and trace the sentences.

Chef cooks meat.

Farmer grows food.

Pilot flies an airplane.

Builder builds things.

Firefighter stops fires.

Librarian finds books.

Activity oriented

Good	Very good	Excellent
☆	☆☆	☆☆☆

Teacher's Sign:_____

Neighbourhood

Name:_____ Date:_____

Circle people, places and objects that you might see in a neighbourhood.

Activity oriented

Good ☆ Very good ☆☆ Excellent ☆☆☆

Teacher's Sign:_____

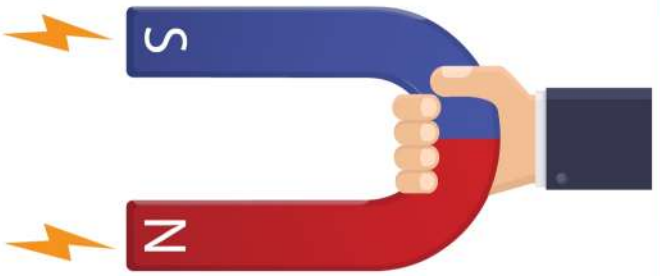
Fun with Magnets

HOTS
Higher Order Thinking

Name:_____ Date:_____

Magnets always have two poles: a **north pole** (**N**) and a **south pole** (**S**).

Opposite poles attract.
Same poles repel.

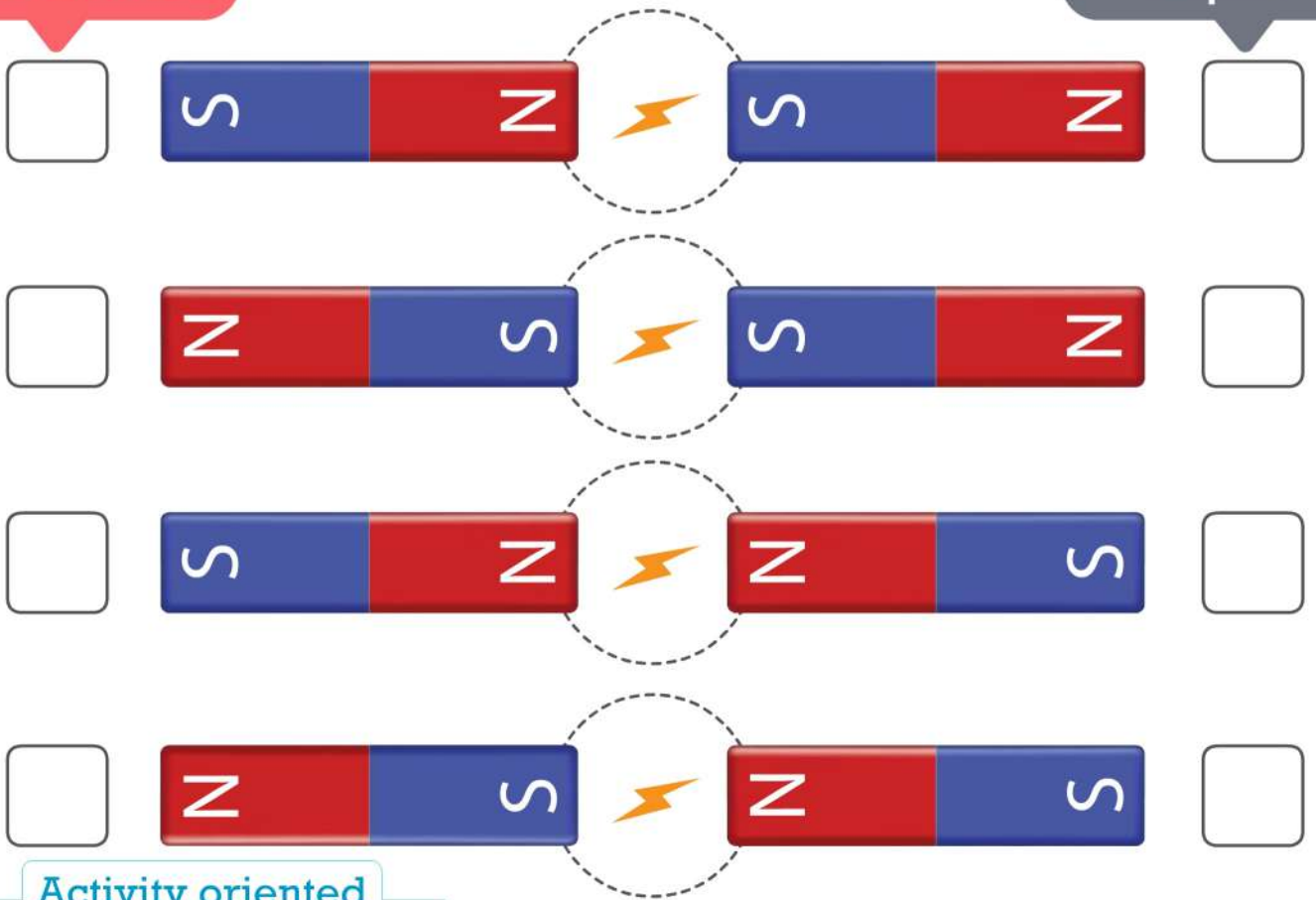


Check **Attract** if the two magnets will **attract**.

Check **Repel** if the two magnets will **repel**.

Attract

Repel



Activity oriented

Good ☆ Very good ☆☆ Excellent ☆☆☆

Teacher's Sign:_____

Fun with Magnets

Materials

* Plastic tray
* Metal items
* Plastic items
* Cloth items
* Magnet held at the end of the stick

Procedure

* Mix all the metal and non metal objects in the tray.
* Ask the children to use the magnet and observe mobility around the objects in the tray.
* Only the metal objects will cling on to the magnet.

My hypothesis:

I predict

Results:

(draw what happened above)

My Conclusion:

Scan the QR Code to watch the concept video

Simple Machines

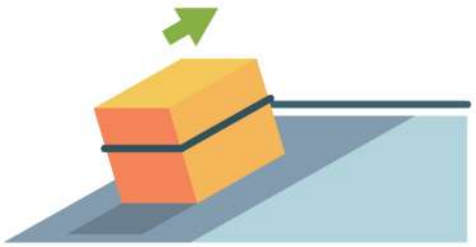
Work is a force used to move an object to a certain distance. There are three types of forces. **Push**, **Pull** and **Lift**.

Push

Pull

Lift

A simple machine is a device used to make work easier. There are six types of simple machines: **inclined plane**, **wedge**, **screw**, **lever**, **wheel/axle**, and **pulley**.



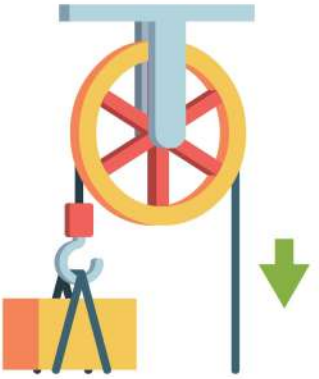
Inclined plane

Wedge

Screw

Lever

Wheel / Axle



Pulley

Simple Machines

Name:_____ Date:_____

What simple machine is this? _____

Give an example that uses this simple machine

_____

What simple machine is this? _____

Give an example that uses this simple machine

_____

What simple machine is this? _____

Give an example that uses this simple machine

_____

What simple machine is this? _____

Give an example that uses this simple machine

_____

What simple machine is this? _____

Give an example that uses this simple machine

_____

What simple machine is this? _____

Give an example that uses this simple machine

_____

Activity oriented

Good	Very good	Excellent
☆	☆☆	☆☆☆

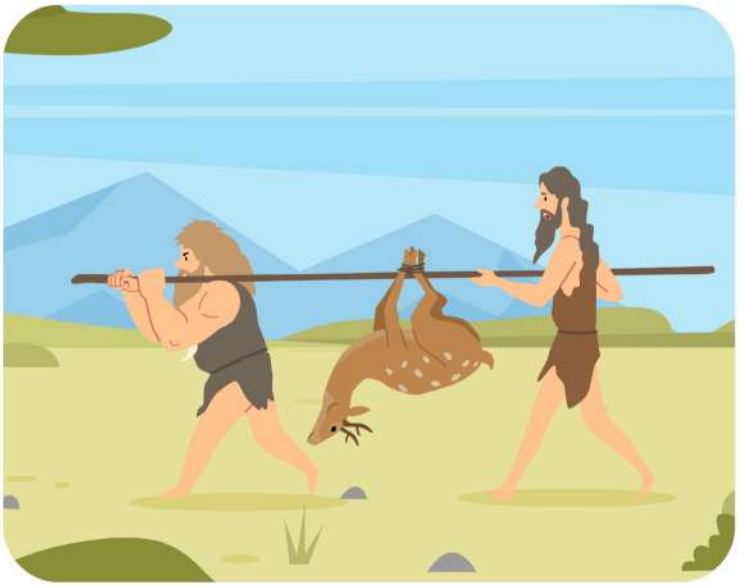
Teacher's Sign: _____

Scan the QR Code to watch the concept video

Wheel

When the early people hunted small animals, like the wild dog, wild boar or deer, they carried the animals on their backs to their homes.

When they hunted large animals, like the bison or the elephant, it was not easy to drag or pull these animals along the ground over long distances.

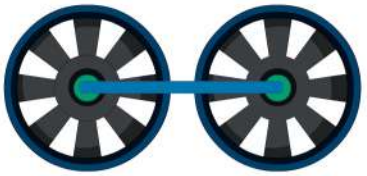


Nobody really knows who invented the wheel. Perhaps, someone saw a log or piece of wood from a tree roll down a hill.

Wheel

Name:_____ Date:_____

Select the wheel of a car.


Select the wheels of skateboards.



Select the wheels of a bus or truck.



Select the wheels of a bicycle.



Select the wheels of an aeroplane.



Activity oriented

Good ☆ Very good ☆☆ Excellent ☆☆☆

Teacher's Sign:_____

Scan the QR Code to watch the concept video

Force & Motion

What is force?

A force is a push or pull. A force makes something move.

What is motion?

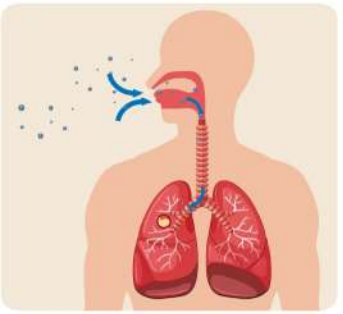
When we apply force to any object it starts moving. This movement is called Motion. Example: When we throw a ball to our friend it goes from us to our friend, so that our friend can throw it back.

Scan the QR Code to watch the concept video

Living and Non-Living things

All Living things need:

Food



Air

Sunlight

Water

Shelter

Living Things

Non-Living Things

i-Life

Scan the code to download
i-Life Learn app

GET IT ON
GOOGLE PLAY

DOWNLOAD ON THE
APP STORE

www.ilifelearn.com
sales@ilifelearn.com
India +91 96188 85905

ISBN 978-93-95658-29-4

Crafted with Love by i-Life

Present in
USA | UAE | India