

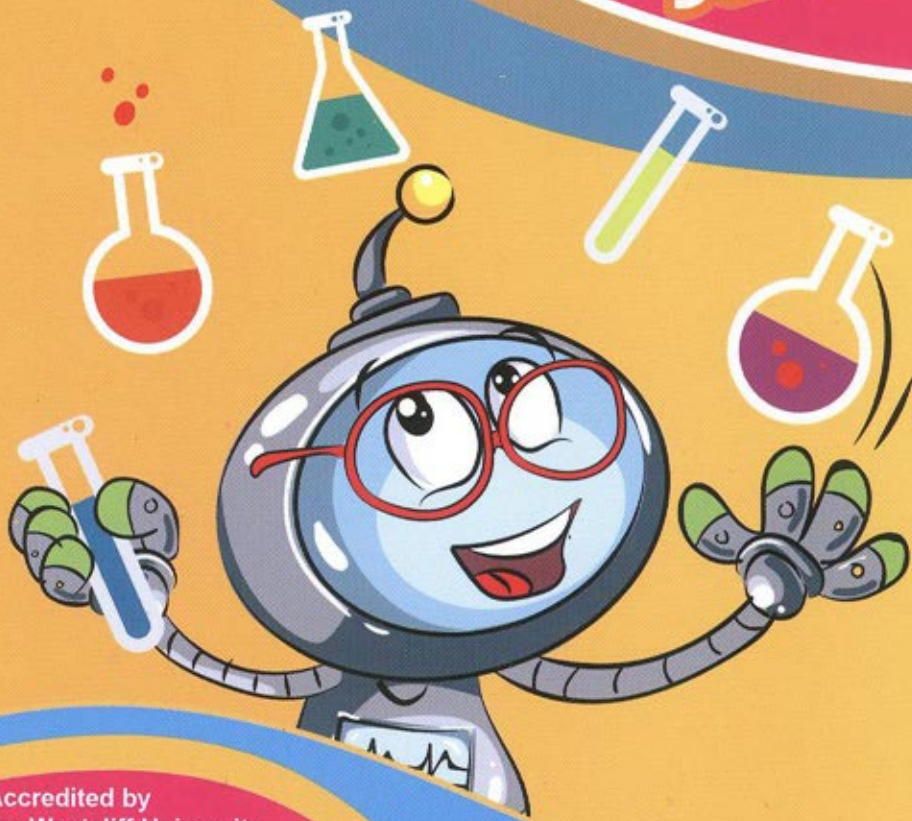
Khate Sefid English Books

for Kids

Tip Top

4

Science Book



Accredited by
the Westcliff University



Ivan H. Williams (Ph.D.)
Majid Tavanaie

In the Name of God

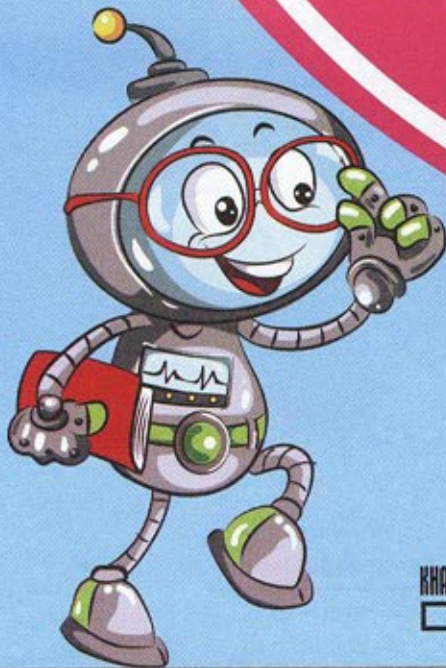
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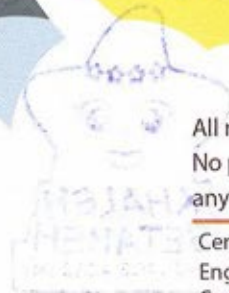


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Materials

Metal

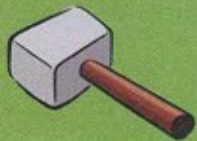


4

Some objects are made of metal.



New Words



Hammer



Spoon



Fork



Pan



Can

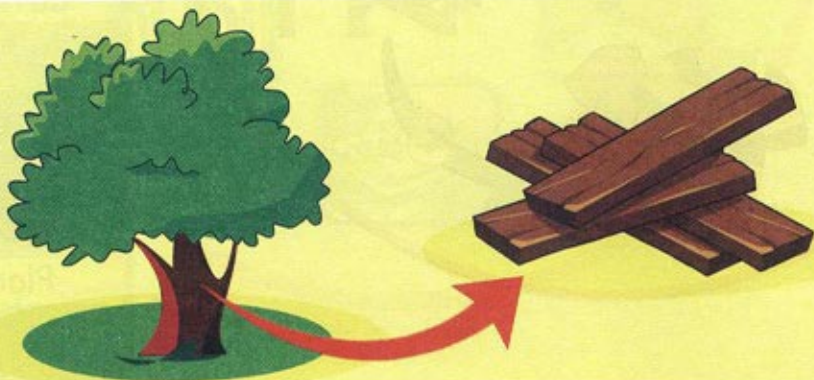
Metals often look shiny.

Teaching Standard (TS): Tell the learners about some of the properties of metals. For example, when you touch a metal object, it feels cold.

Some things are made of wood.



Wood comes from trees.



TS: Tell the learners about some of the properties of wood. For example, wood usually floats on water.

New Words



Pencil



Table



Wood



House



Tree

Some things are made from the parts of a plant.



New Words



T-shirt



Cotton



Plant

TS: Some things come from nature. They are natural. Cotton, for example, is used to make cotton shirts.

Some things, such as plastic objects, are made in factories.



New Words



Plastic Bottle



Factory

Plastic

7

TS: You can talk with the learners about the importance of plastic bottles recycling.

Leather comes from the skin of a cow and it is often used to make shoes.



New Words



Cow



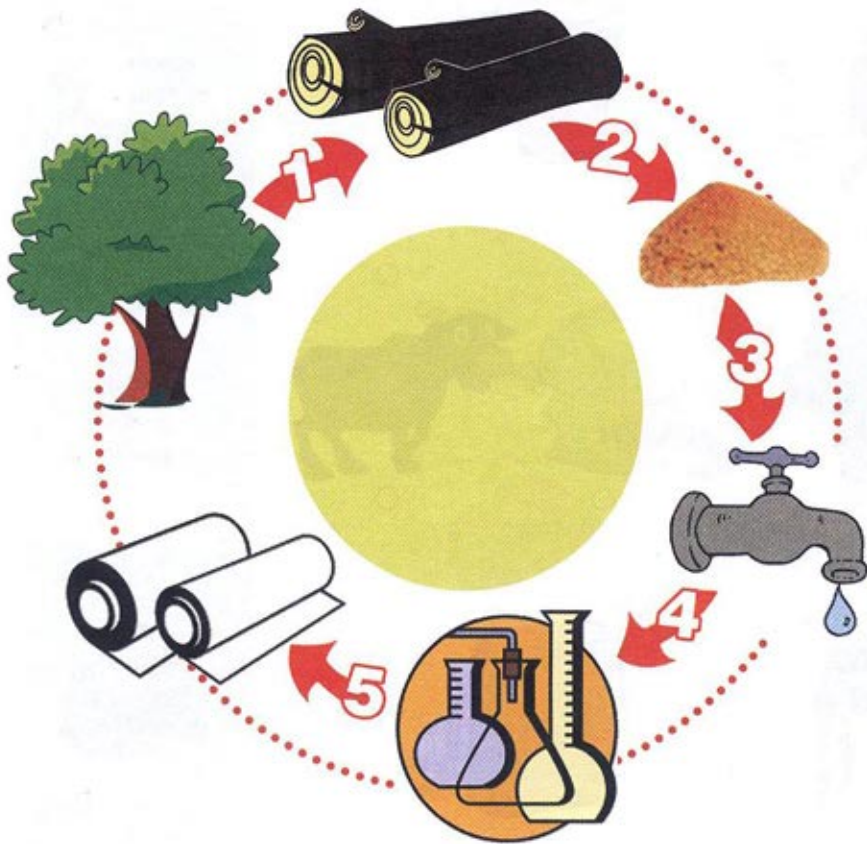
Leather



Shoes

TS: Some things come from nature. They are natural, like leather.

Paper is made by mixing small pieces of wood with water and chemicals.



New Words



Mix



Wood



Water



Paper



Book

TS: Paper is used to make books, newspapers, tissue paper, writing paper, wrapping paper, and many other everyday things.

Paper



Draw a line joining each material to the place from which it comes.



Wool



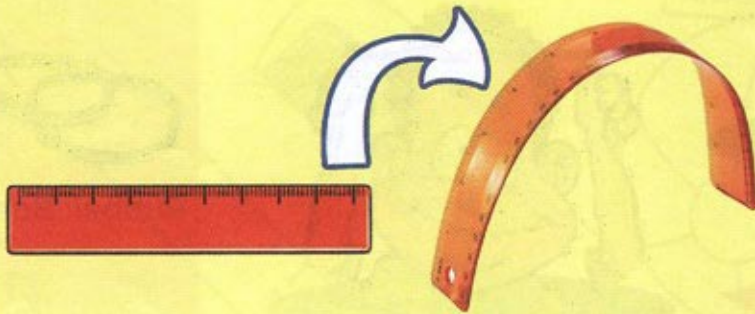
Plastic Cup



Leather Bag

Ts: The child learns to distinguish between natural and factory made materials.

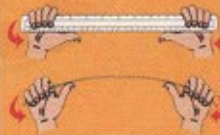
You can bend some things.



New Words

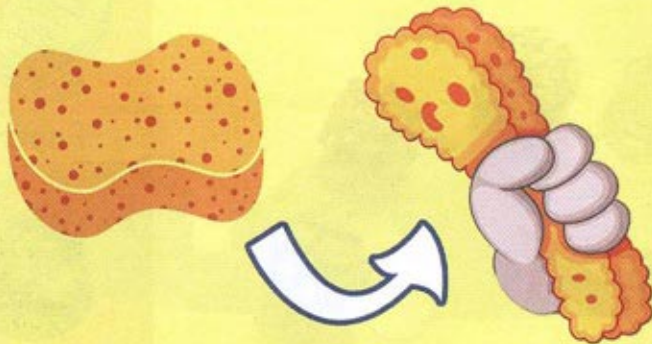


Plastic Ruler



Bend

You can squash some things.



Sponge



Squash

TS: Tell the learners about bending and squashing things. When you let them go, some things go back to their original shape.

Changing Materials

Bend and Squash

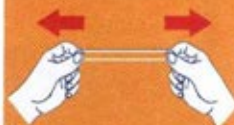
You can stretch some things.



New Words



Rubber Band



Stretch



Paper



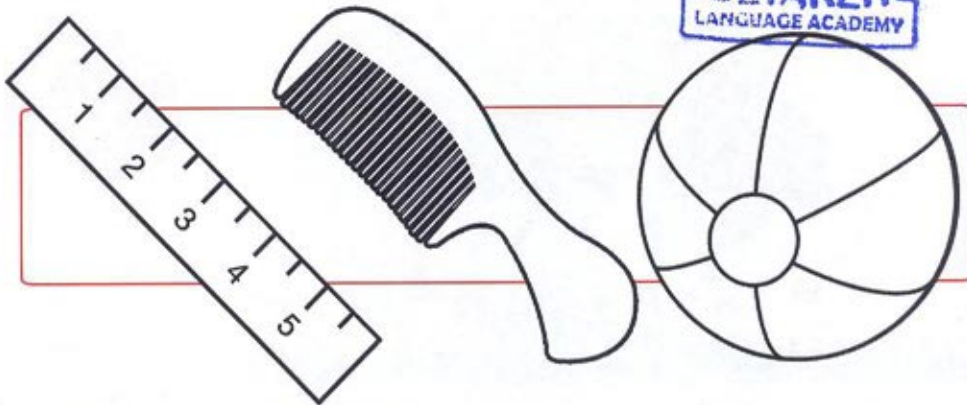
Twist

You can twist some things.



TS: This unit shows that some materials can change in shape. The clay or playdough has all of the properties noted and perhaps more. For example, it can be broken apart and put back together again. Encourage the child to consider the uses of such materials.

Color the things that you can bend.



Review Time



Plastic Ruler



Rubber ball

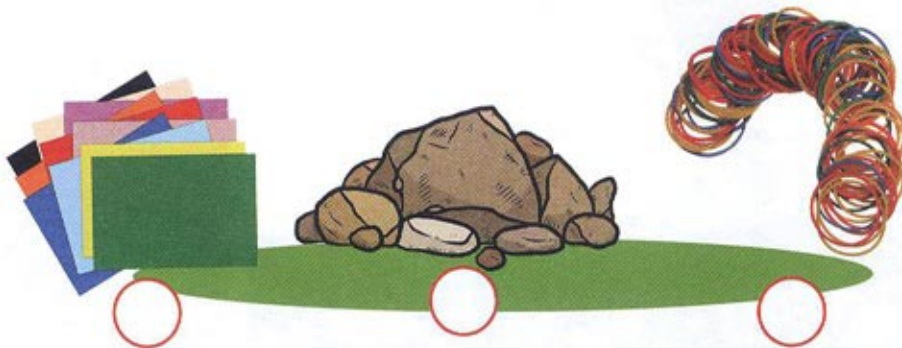


Stone



Plastic Comb

Place a check mark (✓) by things that you can stretch.



TS: Review what you have taught in previous sessions. Then, asses the learners with the help of these activities.

Different
Types of
Motion

Fall and Fly

14



Some things fall.



Some things fly.



TS: Living things can move by themselves. Things that are not alive move in different ways.

New Words



Apple



Kite

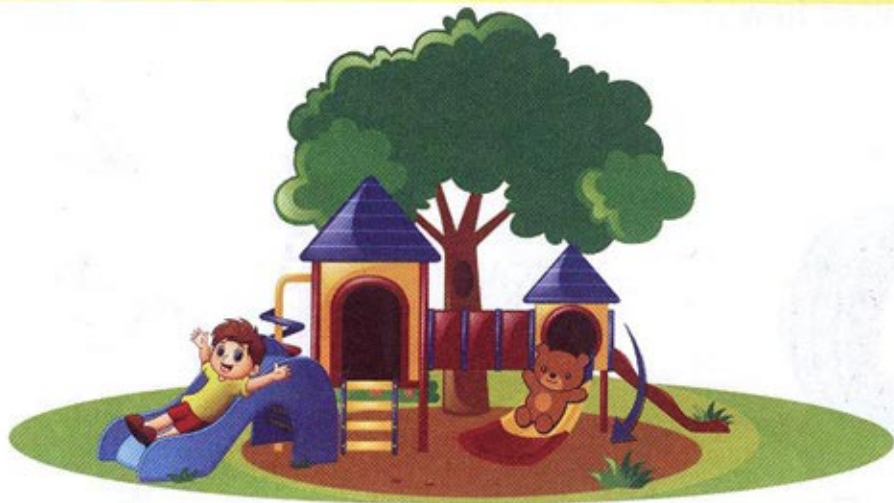


Sun



Cloud

Some things slide.



Some things roll.



TS: Observe and record how things move at a playground.
Try moving in different ways.

New Words



Slide



Teddy



Boy



Football



Playground



Draw a line joining each picture to the word that describes how it is moving.



Fly

Roll

Slide

Review Time



Slide



Roll



Fly



Fall



Bird

TS: This activity lets the children observe different types of motion. The playground is an excellent place to observe motion.

A push is a force.



New Words



Mop



Swing



Carriage



Car

Forces

Push

TS: Things move when you push them. A push is a force that causes things to go faster or slower, or to stop.



A pull is a force.



New Words



cart



Donkey



Plant

TS: Things move when you pull them. A pull is a force that causes things to go faster or slower, or to stop.

Tick (✓) the correct force.



push pull



push pull

Review Time



Push



Pull



Basketball



Rope

Let's Review

19

TS: The child will learn that a push or a pull is a force, and that hard and soft pushes affect objects differently. The child should be able to distinguish between a push and a pull.

Science
ToolsHand Glass
and Ruler

20

A hand glass makes things look bigger.



A ruler is used to measure the length, height and width of an object.



TS: These tools are for collecting data, taking measurements and recording observations.

New Words



Leaf



Hand Glass



Ruler



Grass



Dragon

A thermometer measures temperature.



New Words



Thermometer



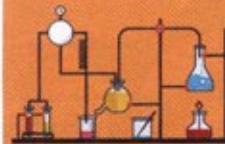
Hot



Cold



Goggles



Chemical Splash

Goggles protect eyes from chemical splashes.



TS: You can do some experiments in the class to show how these things work.



22

Match the pictures to the right science tools.



Review Time



Hand Glass



Goggles



Ruler



Thermometer

TS: Review what you have taught in previous sessions. Then, assess the learners with the help of these activities.

Glossary



pencil



tree



wood



can



pan



fork



spoon



hammer



metal



recycle



bottle



factory



plastic



cotton



T-shirt



plant



home



table



toilet paper



newspaper



book



mix



water



paper



shoe



cow



leather



stretch



sponge



ruler



squash



bend



bag



plastic cup



wool



paper plate



kite



apple



goggles



fly



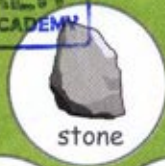
fall



plastic comb



Glossary



stone



rubber ball



rubber band



twist



bird



football



roll



slide



cloud



playground



boy



teddy



sun



donkey



cart



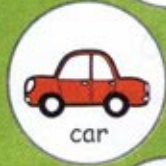
pull



stop



push



car



carriage



swing



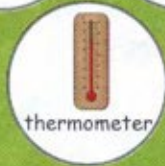
mop



cold



hot



thermometer



dragon



grass



leaf



hand glass



rope



chemical splash



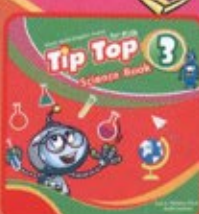
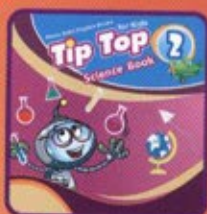
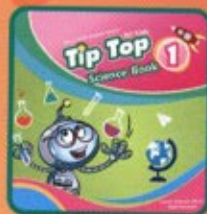
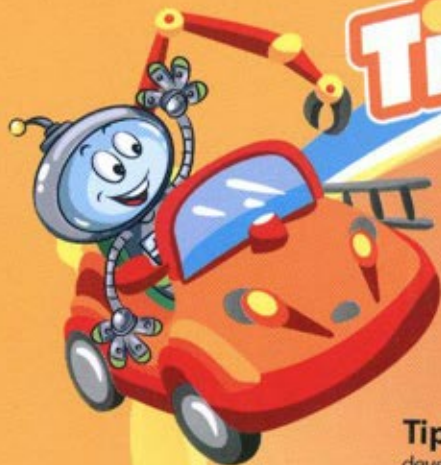
basketball



tiger

Tip Top 4

Science Book



Tip Top Science Books are a great resource for learners aged 3 to 6 to develop stronger knowledge of the world around them or simply their knowledge of science. This series is carefully designed to help the learners have a curious look at their world with the help of topics ranged progressively from simple to complex. Among the latest teaching methods, Communicative Language Teaching (CLT) was chosen as the main method in which teachers' linguistic ability, as the learners' input, is an important factor in teaching. As the child starts acquiring first language mainly in a context, we tried to provide the learners with ample input so they can acquire the language gradually. Receptive skills are among the first skills learners should master. Simple instructions, attractive illustrations and well-designed practices have made these books handy to be used both at home and in kindergarten.

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