

Always Wonder, Always Question, Always Think Science

LIVE SCIENCE 2



LiveABC

First Choice in Digital Language Learning

LIVE SCIENCE 2



CLASS: _____

NAME: _____

LIVE SCIENCE

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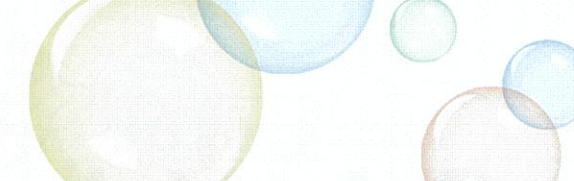
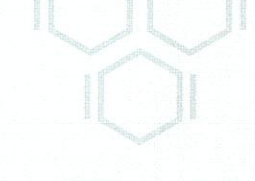

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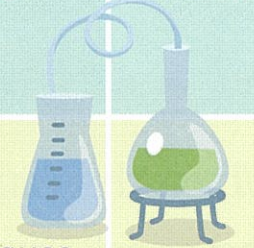
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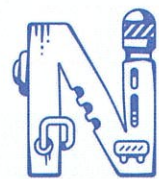
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TITLES	EXPERIMENTS	MATERIALS	CONCEPTS	STEAM
UNIT 1 Never Get Wet	Waterproof Sneakers	<ul style="list-style-type: none"> a white candle a pair of sneakers a hair dryer a glass of water 	Temperature changes the state of objects from solid to liquid and vice versa.	<ul style="list-style-type: none"> Engineering Science 
UNIT 2 The Dancing Robot	Making a Paper Cup Robot	<ul style="list-style-type: none"> a paper cup pipe cleaners a rubber band beads a wooden stick wooden clips 	Elastic materials can store potential energy and create kinetic energy when released.	<ul style="list-style-type: none"> Art Engineering
UNIT 3 The Bouncing Ping Pong Ball	The Flying Ping Pong Ball	<ul style="list-style-type: none"> a hair dryer a ping pong ball a box cutter a plastic bottle 	Faster air current speed causes lower air pressure and vice versa.	<ul style="list-style-type: none"> Engineering Science
UNIT 4 The Super Cannon	Making a Magnetic Cannon	<ul style="list-style-type: none"> white glue wooden sticks a piece of cardboard magnets metal balls 	Every magnet has a north and south pole. Opposite poles attract each other while similar poles push each other away.	<ul style="list-style-type: none"> Engineering Science 
UNIT 5 Where Is the Coin?	Looking for the Coin	<ul style="list-style-type: none"> a coin a bowl a glass of water 	Light refracts when it travels from air into water.	<ul style="list-style-type: none"> Science

TITLES	EXPERIMENTS	MATERIALS	CONCEPTS	STEAM
UNIT 6 Colorful Planets	Making Colorful Bubbles	<ul style="list-style-type: none"> baby oil paper cups colored chalk rubbing alcohol a glass a dropper a glass of water 	High density objects sink while low density objects float.	<ul style="list-style-type: none"> Art Science 
UNIT 7 The Amazing Kaleidoscope	Making a Beautiful Kaleidoscope	<ul style="list-style-type: none"> a pair of scissors a piece of foil cardstock tape a plastic folder a pencil sequins 	More images of an object can be seen when light reflects off multiple mirrors.	<ul style="list-style-type: none"> Art Science
UNIT 8 Super Spider Rings	Making a Spider Ring	<ul style="list-style-type: none"> pipe cleaners a pair of scissors super glue googly eyes a button 	Spiders are not insects. They have eight legs, lay eggs, and build webs.	<ul style="list-style-type: none"> Art Math Science 
UNIT 9 Spider Webs	Making a Spider Web	<ul style="list-style-type: none"> a pencil a ruler a piece of black paper white string white glue a pair of scissors 	Spiders weave silk webs in a spiral shape.	<ul style="list-style-type: none"> Art Math Science
UNIT 10 Elephant Toothpaste	Making Elephant Toothpaste	<ul style="list-style-type: none"> hydrogen peroxide dish soap a plastic bottle food coloring yeast warm water 	Yeast and hydrogen peroxide cause a chemical reaction when mixed together.	<ul style="list-style-type: none"> Science 



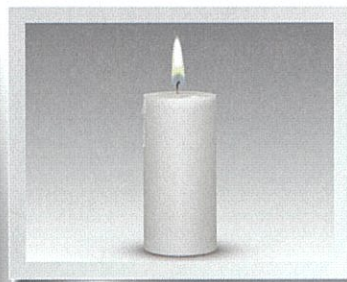
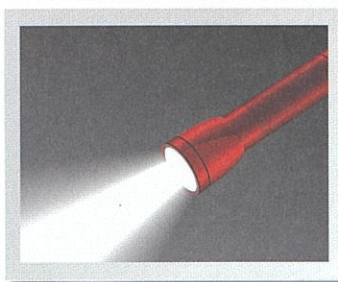
Never Get Wet



Let's discover it!



What do you see in the picture? Draw a triangle around the answer.



Why is the candle changing into a liquid? Discuss with your friends and check.

☐ It is melting.

☐ It is freezing.

☐ It is boiling.



Let's do it!



Waterproof Sneakers

What do you need?



a white candle



a pair of sneakers



a hair dryer



a glass of water

What do you do?



Step 1

Prepare a **white candle**.



Step 2

Spread the candle on a pair of sneakers evenly.



Step 3

Use a **hair dryer** to melt the wax on the sneakers.



Step 4

Wait for the wax on the sneakers to **dry**.



Step 5

Drop some **water** on the sneakers. Did the sneakers get wet?