



SPED MS

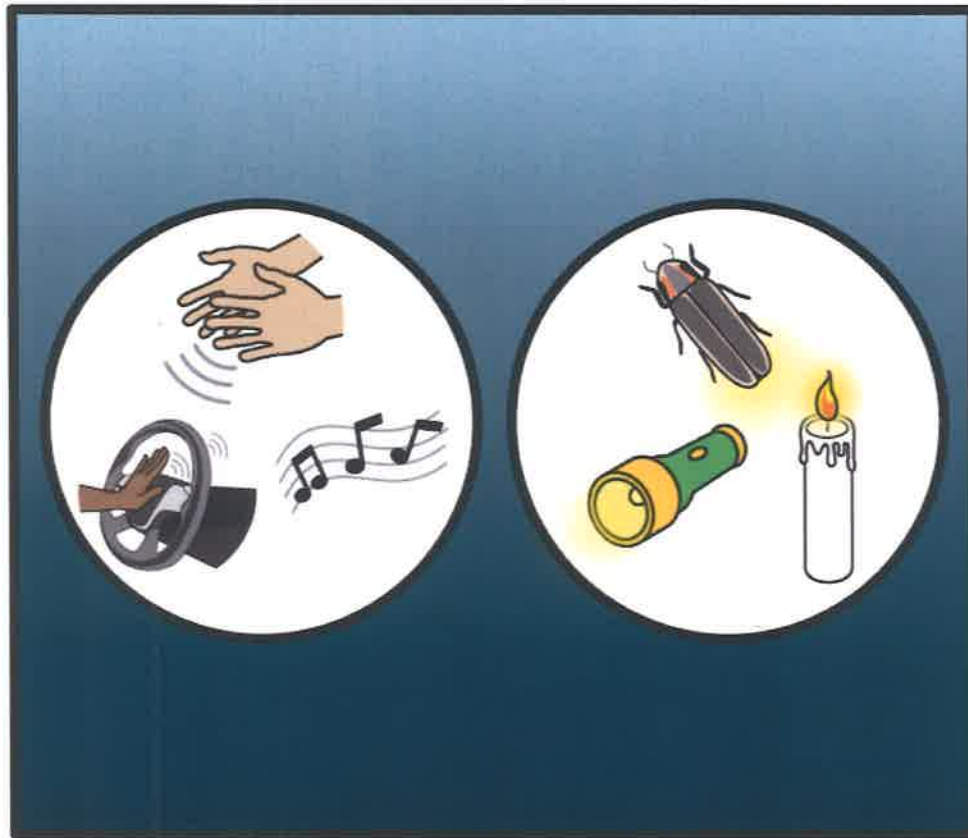
Grades 7-8

Henry (14) - Rocci
Marshall (14) - Bowers
Harrison (14) - Chavez
District Office (10)

WEEK #2

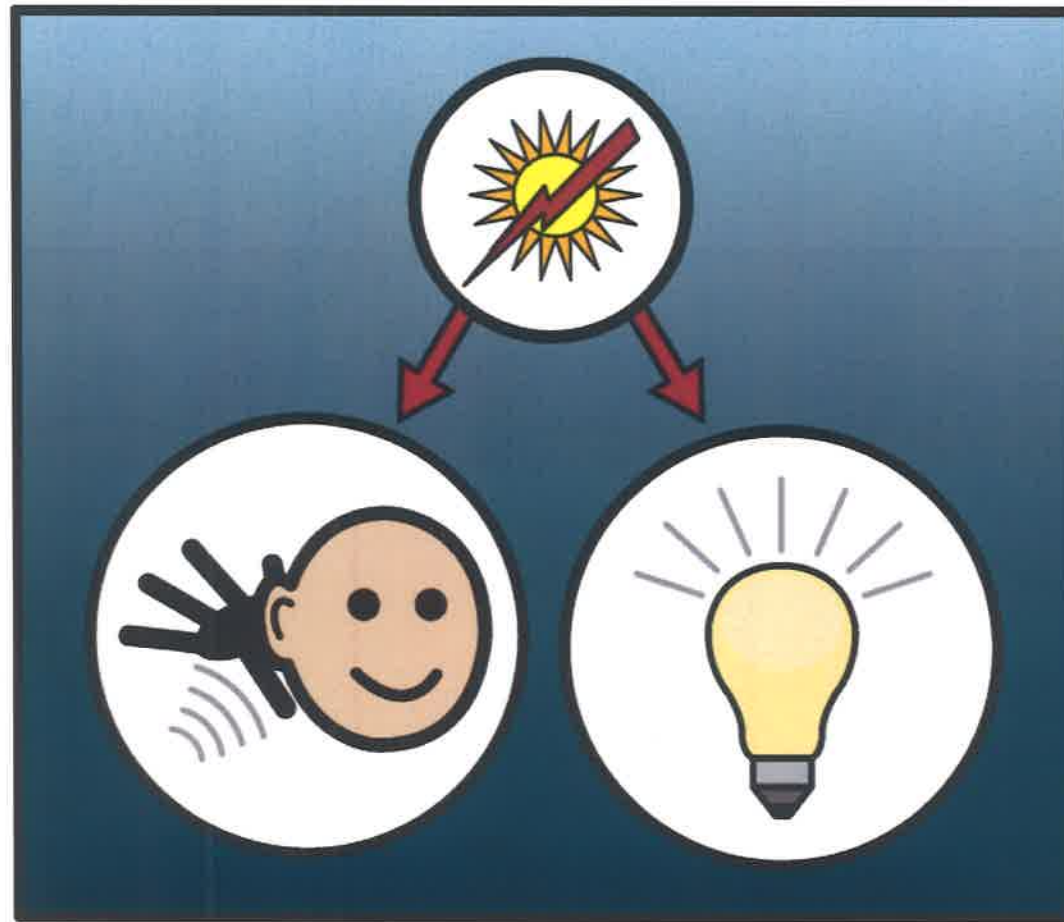
Light and Sound

Level C



by Janel Gazunis

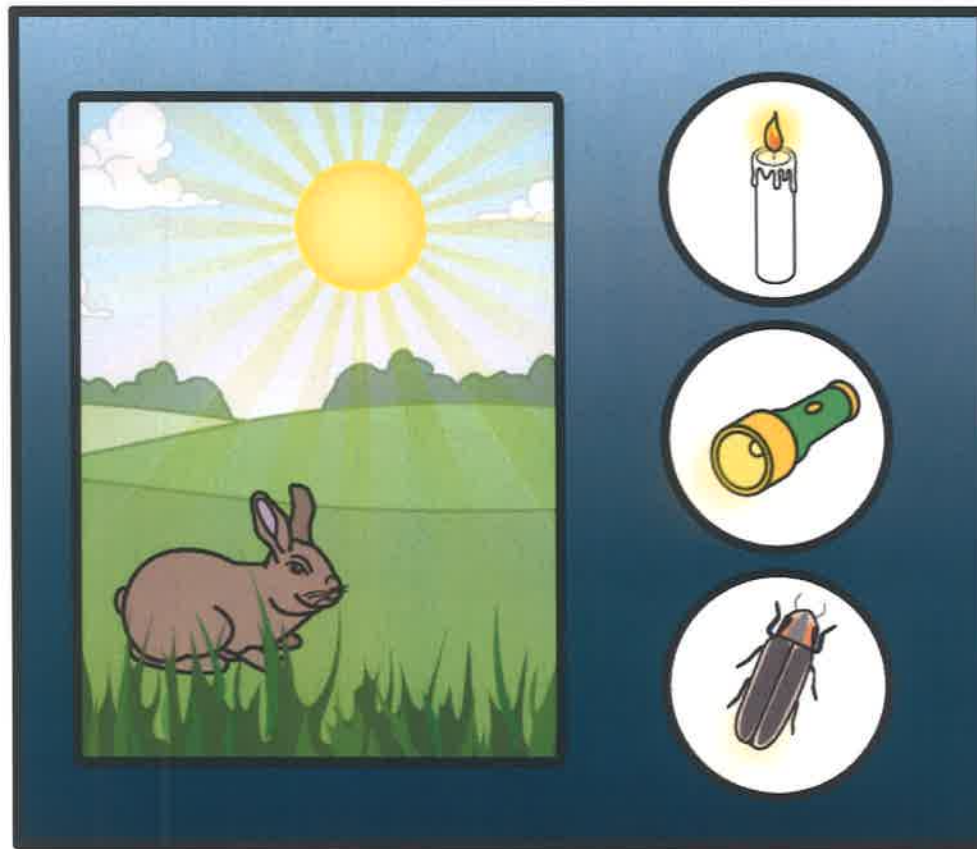
Illustrated by Alex Wisehart



Energy is the power to do something.

Energy is everywhere.

Light and sound are energy.

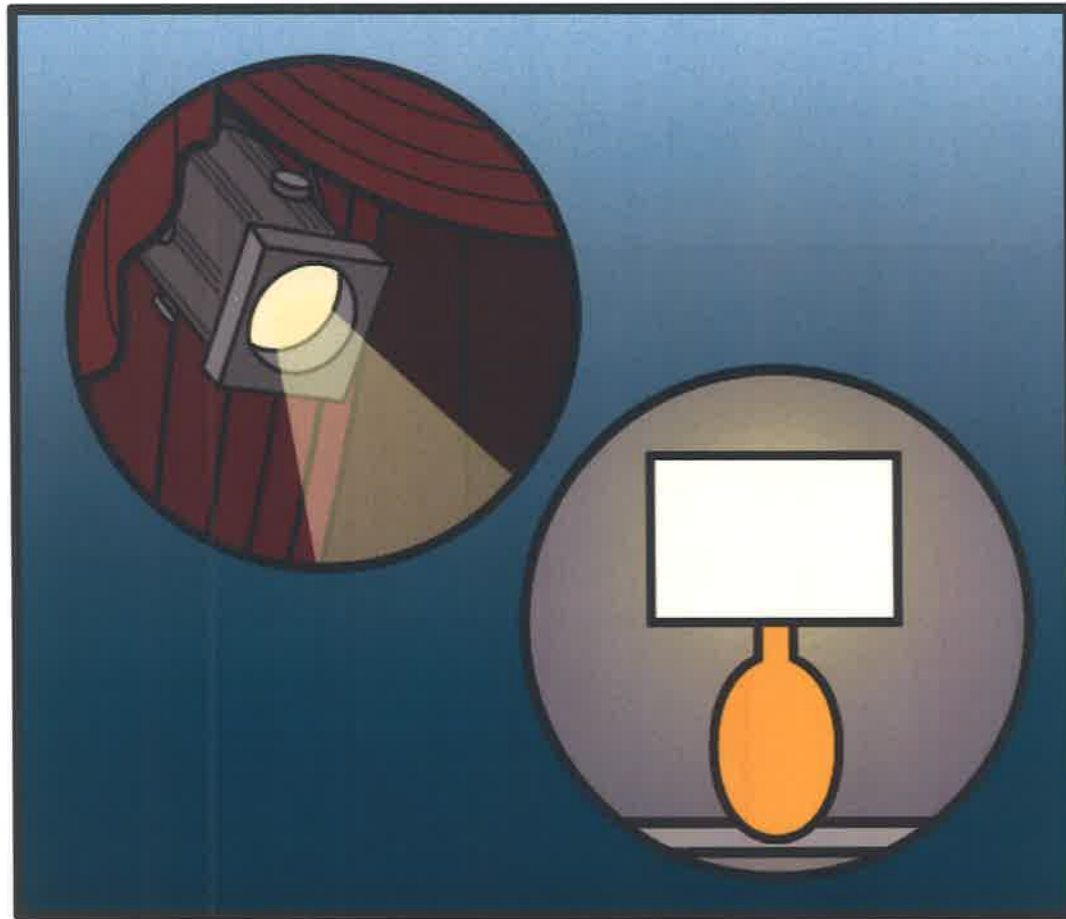


Light allows us to see.

The Sun gives off light.

A flashlight or candle gives off light.

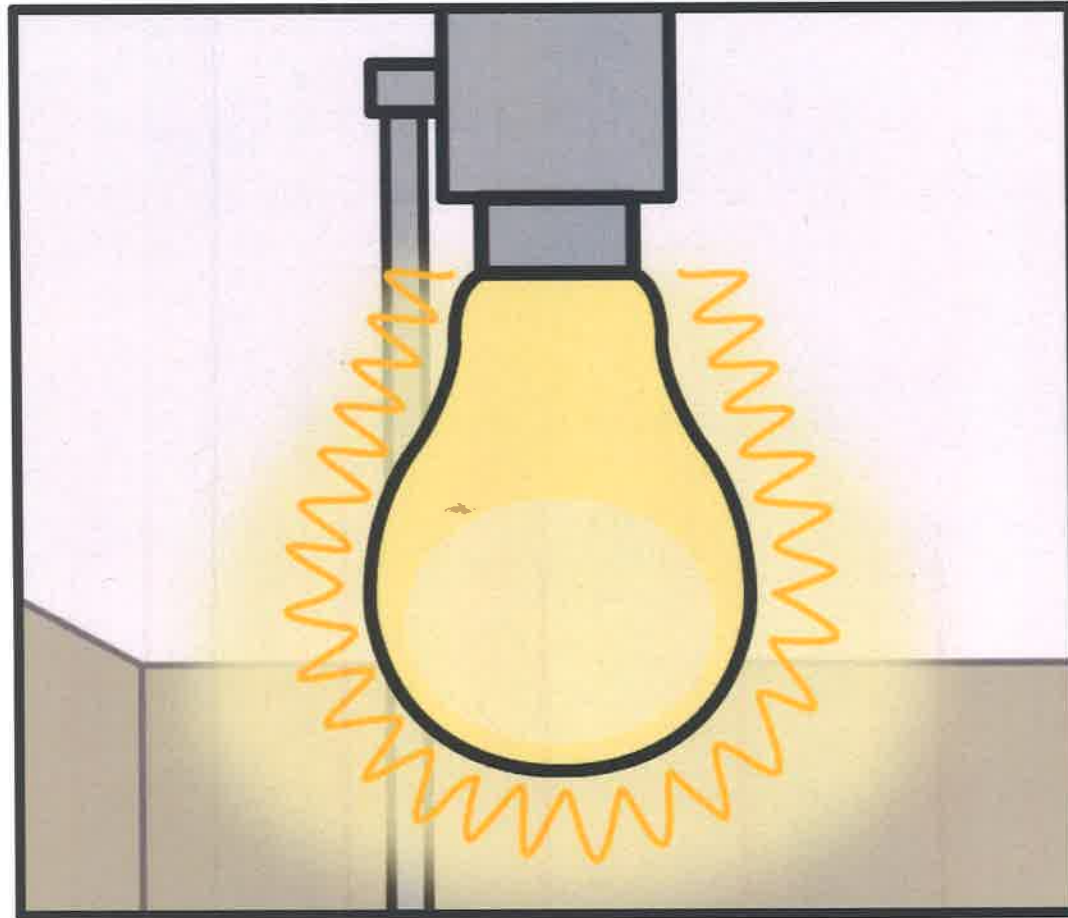
A firefly gives off light.



Light can look bright or dim.

A spotlight is bright.

Light from a lamp can look dim.



Light moves in waves.

The waves move fast.

We can only see some light waves.

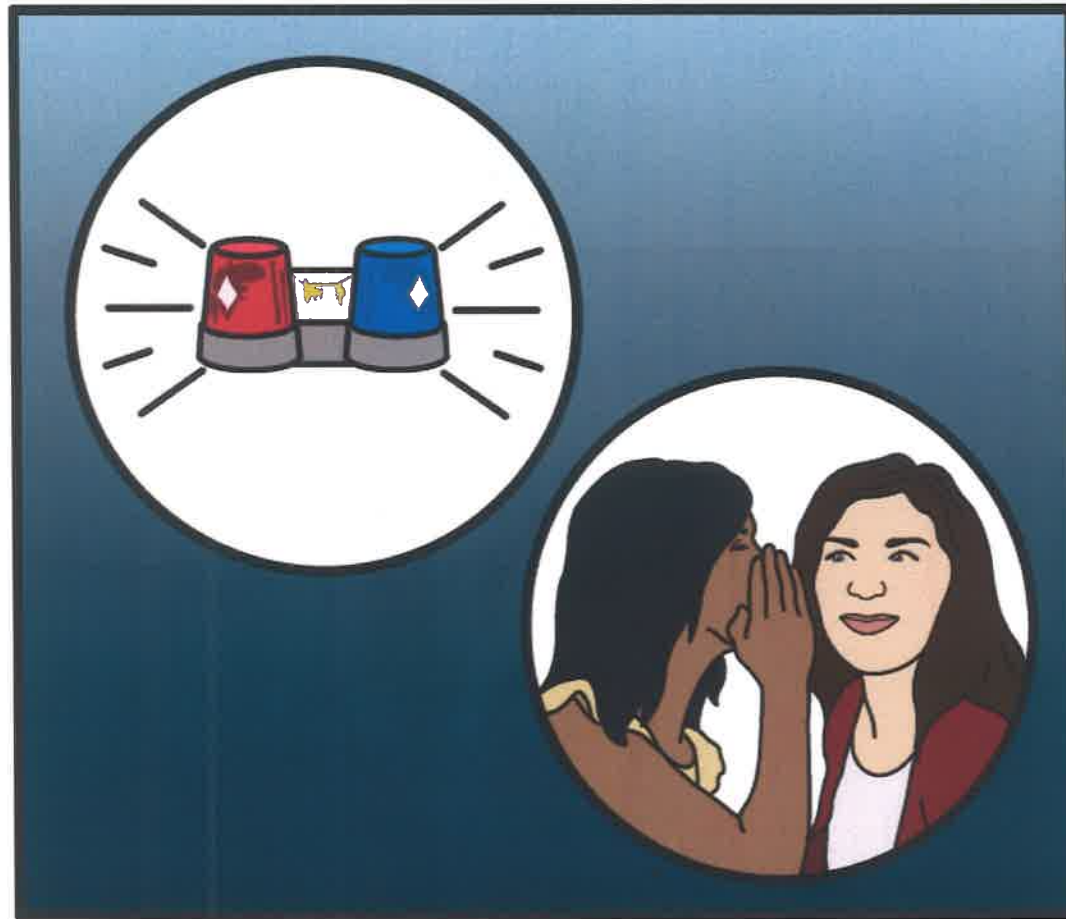


Sounds are anything we hear.

Clapping makes a sound.

A car horn makes a sound.

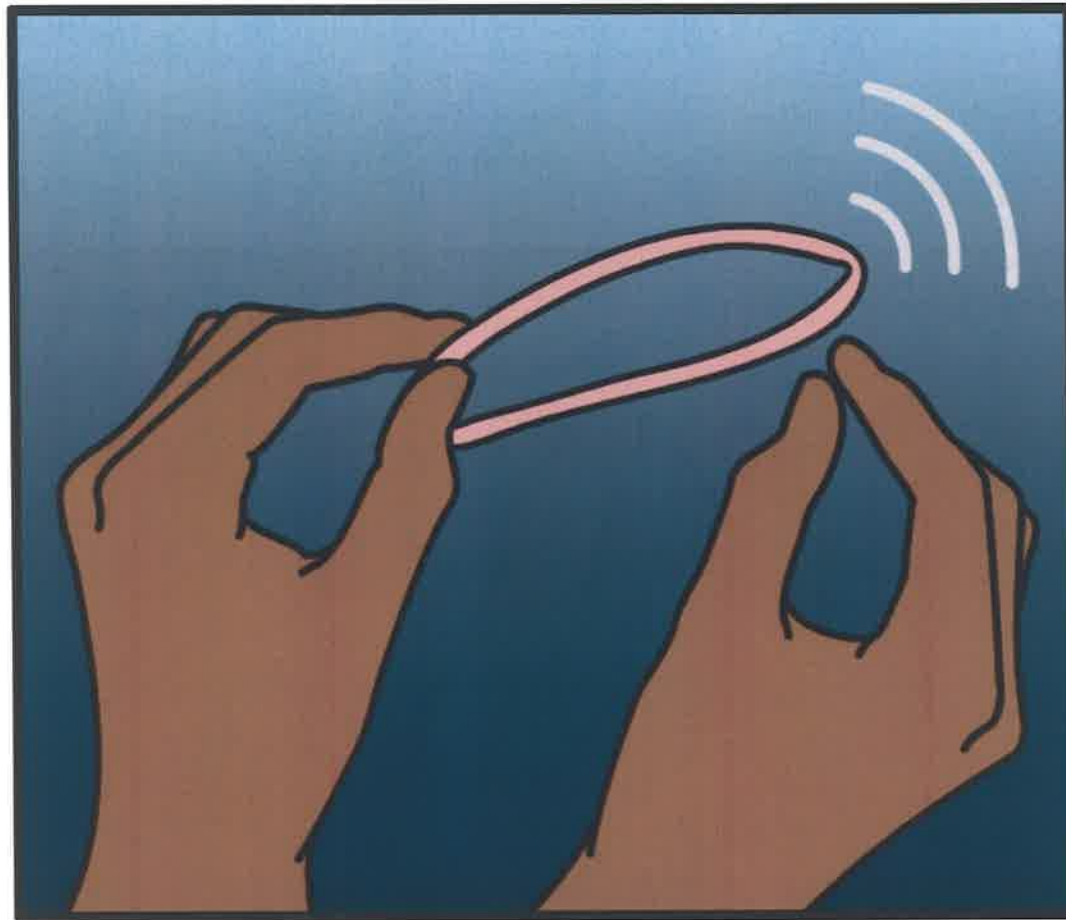
Playing music makes a sound.



Sounds are loud or quiet.

A siren is loud.

A whisper is quiet.



Vibrations make sounds.

A rubber band can make vibrations.

Vibrations move in waves.



**Sound waves move into our ears.
Then, we hear the sound.
Some sounds we cannot hear.**



Light and sound are all around us.

They move in waves.

What do you know about light and sound ?



The End

yes



Light and Sound

no



see 	give off 	bright 	energy 	power 	light 	sound
look 	shine 	dim 	lamp 	radio 	Sun 	flashlight
move 	hear 	fast 	candle 	firefly 	spotlight 	wave
clap 	make 	loud 	car horn 	vibration 	rubber band 	ear

Within each category, pictures are listed from left to right in the order in which they appear in the text.

1. is the power to do something.

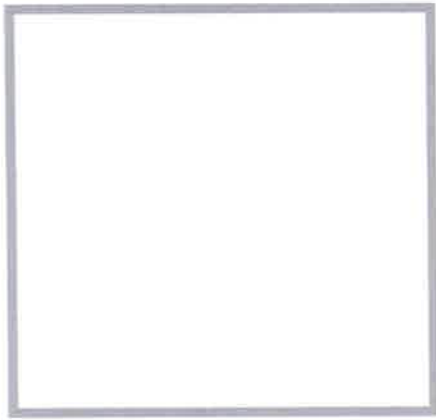
2. and sound are types of energy.

3. Light moves in .

4. A is anything we hear.

5. Sounds are caused by .

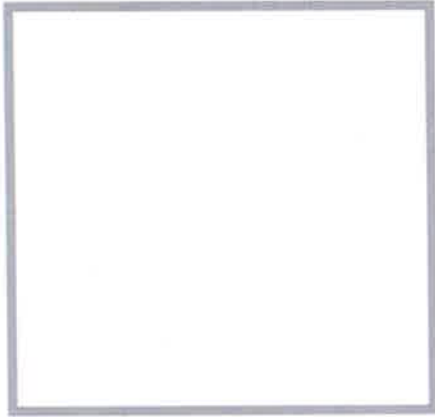
1.



is the power to do something.



2.

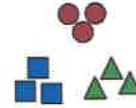


and sound are types of energy.

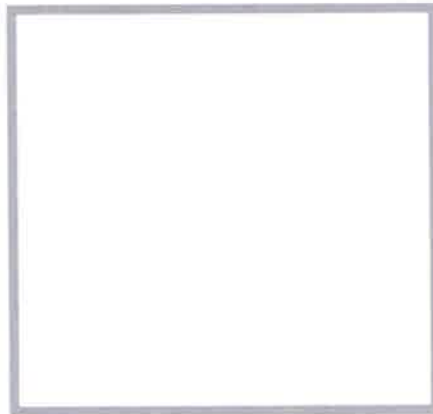
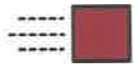
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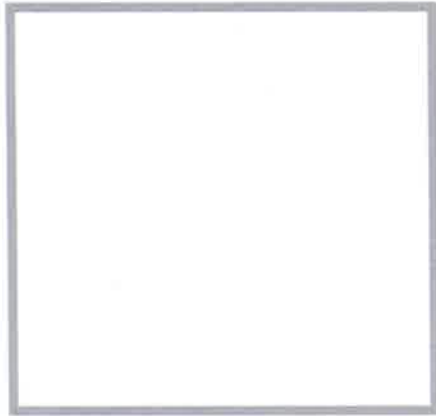
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3. Light moves in



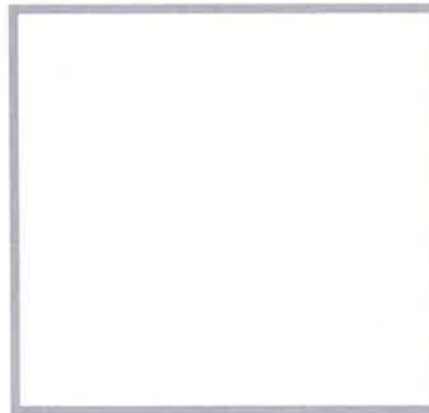
4. A



is anything we hear.




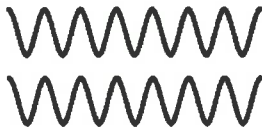
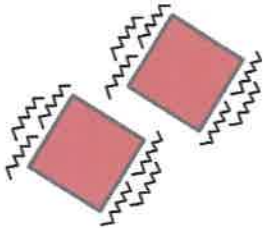




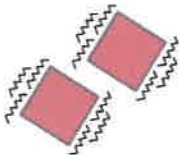


5. Sounds are caused by





For hands-on instruction, print, cut out and laminate.

sound 	Energy 	Light 	waves 	vibrations 
sound 	Energy 	Light 	waves 	vibrations 
sound	Energy	Light	waves	vibrations

Lights! Sound! Action!



by **Janel Gazunis and Kara Meaux**

Illustrated by Katie Zolnowski

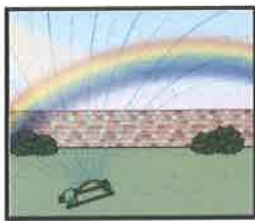
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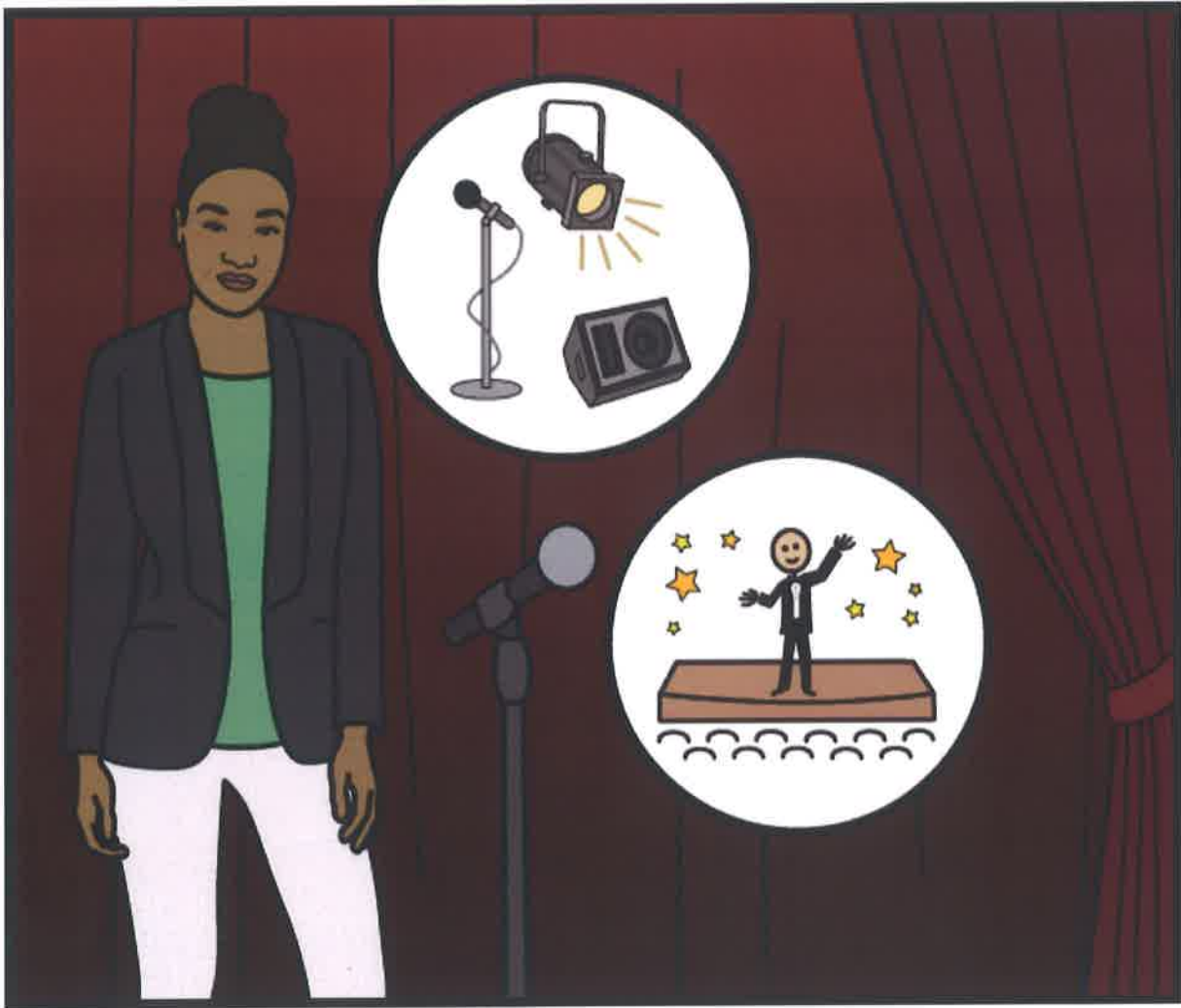
Chapter 1:

The Spring Play





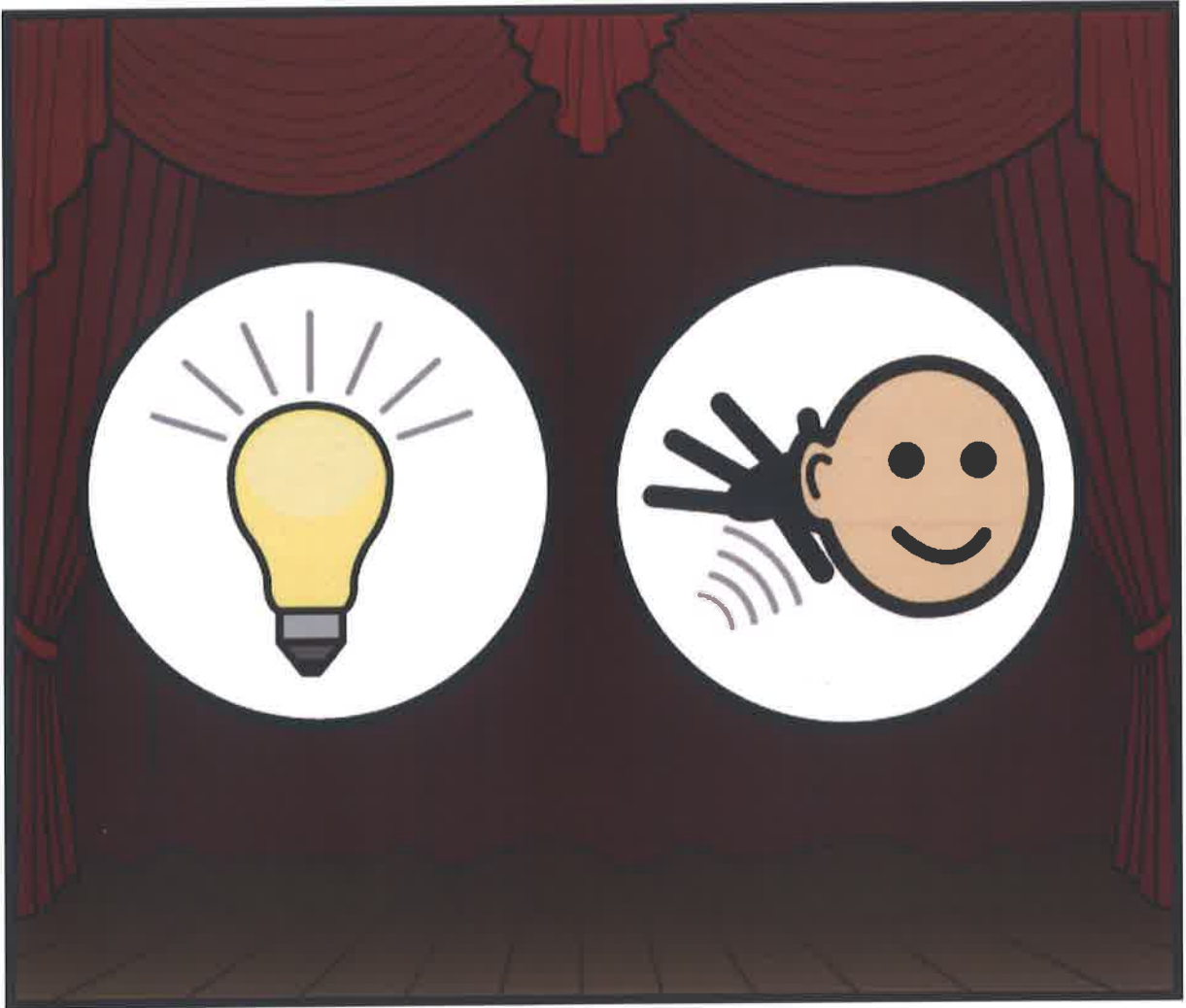
Mrs. Thomas' class is doing a spring play. Kara, Gavin and Dale are excited. Kara wants to act. Gavin and Dale want to work backstage.



Mrs. Thomas says the play will be fun. The play will be hard work. Students can be actors. Students can help with lights and sound.

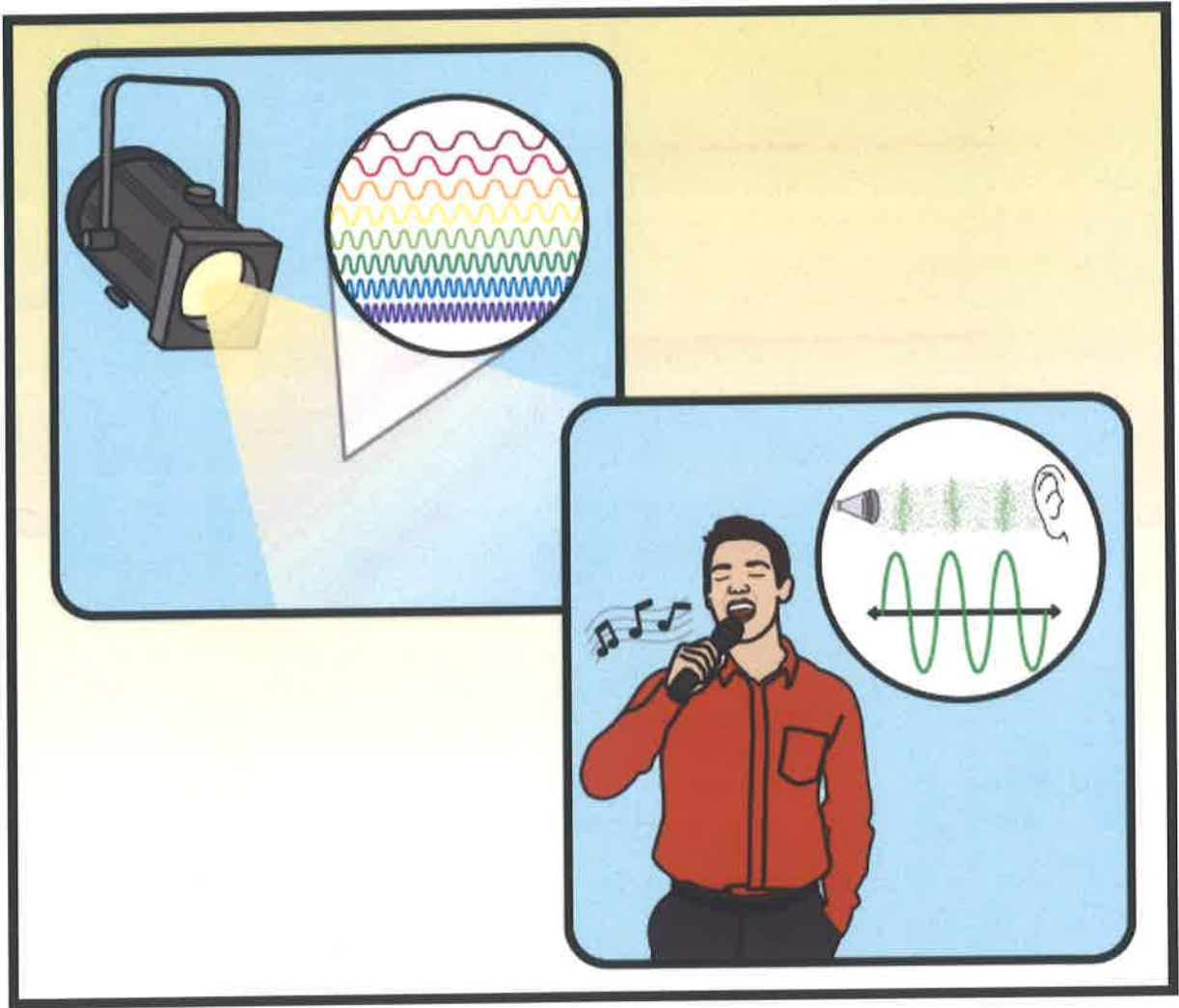


Lights and sound are important during a play. What happens if the stage is too dark? What happens if the music is too low? The students are confused.



Lights help people see the play.

The lights cannot be too bright or too dim. People need to hear the actors and the music. The sound cannot be too low.



Light and sound are energy. Light and sound both move in waves.

Sound waves and light waves move energy.



Light and sound come from different places and things. But, they both travel fast. They can bounce off things. They can be soaked up by things.



Light and sound are the same in some ways. But, they are different in other ways. The students will learn more about light and sound. This will help them with their play. The students can't wait to get started !

yes



The Spring Play

no



<p>want</p>	<p>act</p>	<p>work</p>	<p>excited</p>	<p>class</p>	<p>play</p>	<p>backstage</p>
<p>help</p>	<p>see</p>	<p>hear</p>	<p>dark</p>	<p>student</p>	<p>actor</p>	<p>light</p>
<p>move</p>	<p>travel</p>	<p>bounce</p>	<p>low</p>	<p>sound</p>	<p>stage</p>	<p>music</p>
<p>soak up</p>	<p>learn</p>		<p>fast</p>	<p>energy</p>	<p>wave</p>	

Within each category, pictures are listed from left to right in the order in which they appear in the text.

Name: _____

1. Mrs. Thomas' class is doing a spring

2. Students can help with lights and

3. Light and sound both move in

4. Sound waves and light waves move

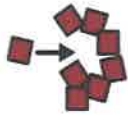
5. and sound are the same in some ways.

Chapter 1: The Spring Play

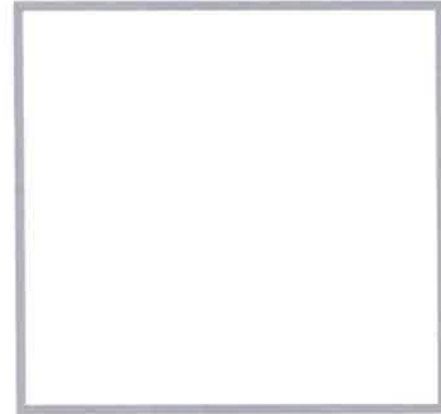
1. Mrs. Thomas' class is doing a spring



2. Students can help with lights and



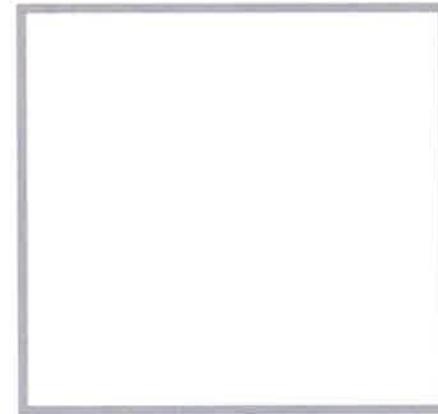
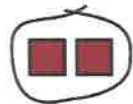
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3. Light and sound both move in



+



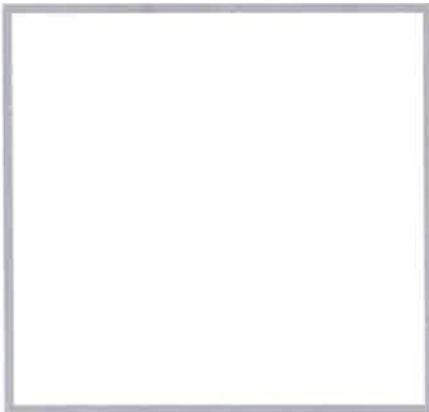
4. Sound waves and light waves move



+



5.



and sound are the same in some ways.

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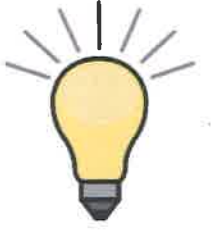

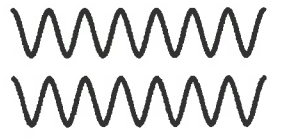







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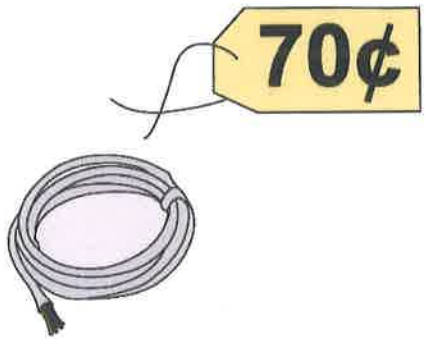

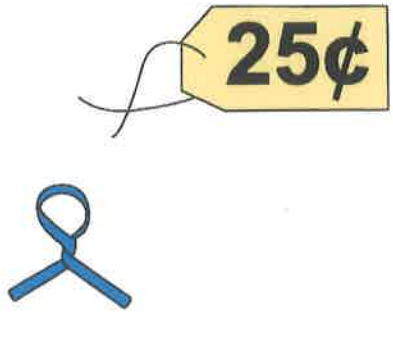



For hands-on instruction, print, cut out and laminate.

energy 	play 	Light 	sound 	waves 
energy 	play 	Light 	sound 	waves 
energy	play	Light	sound	waves

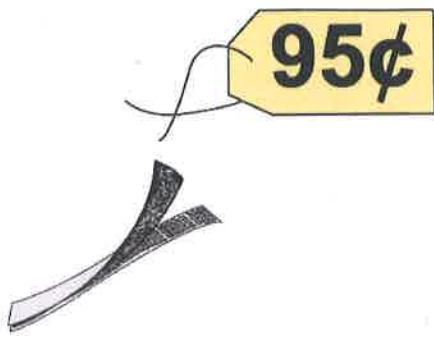
Mrs. B's class is buying items to use for lighting and sound in a play.

How much will it cost? Match the coins. Count the coins.

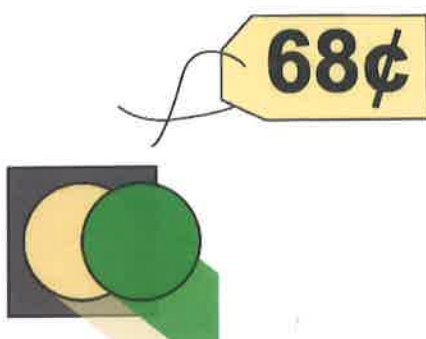
	
	
	
	

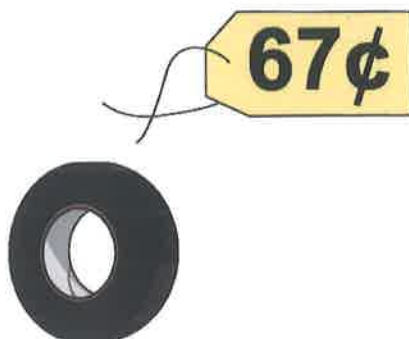
Brent is buying items to use for lighting and sound in a play.

How much will it cost? Match the coins. Count the coins.










Randy is buying items to help with the sound for the play. He buys a speaker for \$58.30 and an extension cord for \$17.50. Which item costs more? How much will this cost altogether? Show the money.



\$58.30



\$17.50



Total cost

$$\begin{array}{r}
 \$ \quad \boxed{5} \boxed{8} . \boxed{3} \boxed{0} \\
 + \$ \quad \boxed{1} \boxed{7} . \boxed{5} \boxed{0} \\
 \hline
 \$ \quad \boxed{} \boxed{} . \boxed{} \boxed{}
 \end{array}$$

Danielle is buying items for backstage. She buys walkie talkies for \$37.85 and a flashlight for \$26.05. Which item costs more? How much will this cost altogether? Show the money.



\$37.85



\$26.05



Total cost

$$\begin{array}{r}
 \$ \quad \boxed{3} \boxed{7} . \boxed{8} \boxed{5} \\
 + \$ \quad \boxed{2} \boxed{6} . \boxed{0} \boxed{5} \\
 \hline
 \$ \quad \boxed{} \boxed{} . \boxed{} \boxed{}
 \end{array}$$

Danielle is buying items for the musicians in the play.
She has \$10.00. She buys a triangle for \$6.46.
How much money will she get back? Show the money.



\$

	1		0	.		0	0
--	---	--	---	---	--	---	---



- \$

	6	.	4	6
--	---	---	---	---



Money left

\$

		.		
--	--	---	--	--

Randy is buying items to help with the lighting for the play.
He has \$10.00. He buys a string of lights for \$7.29.
How much money will he get back? Show the money.



\$

	1		0	.		0	0
--	---	--	---	---	--	---	---



- \$

	7	.	2	9
--	---	---	---	---



Money left

\$

		.		
--	--	---	--	--