Name _____ Date _____

Science · Energy

We Need Energy

Energy makes things move, grow, work and change.

A. Does it use energy? Circle Yes or No.

1. A fan going round — Yes / No
2. A rock lying on the ground — Yes / No
3. A child playing — Yes / No
4. A car moving on the road — Yes / No
5. A book on a shelf — Yes / No
6. A plant growing — Yes / No
7. A bulb giving light — Yes / No
8. A sleeping pillow on the bed — Yes / No

B. Fill in the blank.

1. Energy makes things _____ and grow.

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Name _____ Date _____

Science · Energy

Energy From Food

Food gives our body energy to work and play.

A. Sort the food.

banana | roti | chips | milk | eggs | sweets | daal | fizzy drink

Eat every day	Eat only a little

energy | sun | play

B. Use the words in the box.

1. Food gives us _____.
2. We need energy to run and _____.
3. Plants get energy from the _____.

Name _____ Date _____

Science · Heat

Hot or Cold?

Is it hot or cold? Write each word in the right box.

tea | ice cream | the sun | ice | a fire | snow | soup | water from the fridge

Hot	Cold

Fill in the blank.

1. In winter we wear _____ clothes.

2. In summer we drink _____ water.

Name _____ Date _____

Science · Heat

Sources of Heat

A source of heat is something that gives heat.

A. Circle the one that gives heat.

1. sun moon
2. stove table
3. ice fire
4. heater fridge
5. pencil iron

warm touch stove

B. Use the words in the box.

1. Rubbing our hands makes them _____.
2. We cook food on a _____.
3. We should not _____ hot things.

Name _____ Date _____

Science · Heat

Heat Changes Things

Heat can melt, cook and dry things.

A. True or false? Circle.

1. Ice melts into water when it gets warm. True False

2. Butter melts in the hot sun. True False

3. Water turns into ice in a hot pan. True False

4. Heat cooks roti on a tawa. True False

5. Chocolate gets harder in the hot sun. True False

6. Wet clothes dry in the sun. True False

B. Complete.

1. ice + heat → _____

2. dough + heat → _____

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Name _____ Date _____

Science · Light

Sources of Light

Some light comes from nature. Some light is made by people.

the sun | a torch | stars | a bulb | lightning | a candle | a firefly | a lamp

Natural light	Made by people

Name one source of light in your home.

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Name _____ Date _____

Science · Light

Light and Shadow

A shadow forms when something blocks the light.

light | shadow | dark | sun

A. Use the words in the box.

1. We need _____ to see.
2. When I block the light, I make a _____.
3. At night it is _____.
4. The _____ gives us light in the day.

B. True or false? Circle.

1. The moon makes its own light. True False
2. We can see in total darkness. True False
3. The sun is our biggest source of light. True False
4. A shadow is dark. True False

Name _____ Date _____

Science · Sound

Loud or Soft?

Some sounds are loud. Some sounds are soft.

a drum | a whisper | a truck horn | a ticking clock | thunder | a cat purring | a school bell | leaves rustling

Loud	Soft

Which sound do you like best? Why?

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Name _____ Date _____

Science · Sound

Sounds Around Us

Animals and things make different sounds.

A. Write the letter of the sound in the box.

☐	1. cow	a)	meow
☐	2. cat	b)	moo
☐	3. dog	c)	caw
☐	4. duck	d)	baa
☐	5. sheep	e)	quack
☐	6. crow	f)	woof

B. Fill in the blanks.

1. We hear sounds with our _____.

2. Sound is made when things _____. (shake / sleep)

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Name _____ Date _____

Science · Sound

Science Review

Show what you know about energy, heat, light and sound.

energy **heat** **light** **sound** **ears** **sun**

A. Use the words in the box.

1. The _____ gives us heat and light.
2. We need _____ to see colours.
3. A drum makes a loud _____.
4. Food gives us _____.
5. A heater gives _____.
6. We hear with our _____.

B. Circle the answer.

1. Which one makes a sound? — bell / stone / leaf
2. Which one gives light? — spoon / torch / cup

ANSWER KEY

Name _____ Date _____

Science · Energy

We Need Energy

Energy makes things move, grow, work and change.

A. Does it use energy? Circle Yes or No.

1. A fan going round — **Yes** / No
2. A rock lying on the ground — Yes / **No**
3. A child playing — **Yes** / No
4. A car moving on the road — **Yes** / No
5. A book on a shelf — Yes / **No**
6. A plant growing — **Yes** / No
7. A bulb giving light — **Yes** / No
8. A sleeping pillow on the bed — Yes / **No**

B. Fill in the blank.

1. Energy makes things **move** and grow.

More free worksheets **littletakhti.netlify.app**

ANSWER KEY

Name _____ Date _____

Science · Energy

Energy From Food

Food gives our body energy to work and play.

A. Sort the food.

banana | roti | chips | milk | eggs | sweets | daal | fizzy drink

Eat every day	Eat only a little
banana	chips
roti	sweets
milk	fizzy drink
eggs	
daal	

energy | sun | play

B. Use the words in the box.

1. Food gives us **energy** .
2. We need energy to run and **play** .
3. Plants get energy from the **sun** .

ANSWER KEY

Name _____ Date _____

Science · Heat

Hot or Cold?

Is it hot or cold? Write each word in the right box.

tea | ice cream | the sun | ice | a fire | snow | soup | water from the fridge

Hot	Cold
tea	ice cream
the sun	ice
a fire	snow
soup	water from the fridge

Fill in the blank.

1. In winter we wear **warm** clothes.
2. In summer we drink **cold** water.

ANSWER KEY

Name _____ Date _____

Science · Heat

Sources of Heat

A source of heat is something that gives heat.

A. Circle the one that gives heat.

1. **sun** moon
2. **stove** table
3. ice **fire**
4. **heater** fridge
5. pencil **iron**

warm **touch** **stove**

B. Use the words in the box.

1. Rubbing our hands makes them **warm** .
2. We cook food on a **stove** .
3. We should not **touch** hot things.

ANSWER KEY

Name _____ Date _____

Science · Heat

Heat Changes Things

Heat can melt, cook and dry things.

A. True or false? Circle.

1. Ice melts into water when it gets warm. **True** False

2. Butter melts in the hot sun. **True** False

3. Water turns into ice in a hot pan. True **False**

4. Heat cooks roti on a tawa. **True** False

5. Chocolate gets harder in the hot sun. True **False**

6. Wet clothes dry in the sun. **True** False

B. Complete.

1. ice + heat → **water**

2. dough + heat → **roti**

ANSWER KEY

Name _____ Date _____

Science · Light

Sources of Light

Some light comes from nature. Some light is made by people.

the sun | a torch | stars | a bulb | lightning | a candle | a firefly | a lamp

Natural light	Made by people
the sun	a torch
stars	a bulb
lightning	a candle
a firefly	a lamp

Name one source of light in your home.

Answers will vary.

ANSWER KEY

Name _____ Date _____

Science · Light

Light and Shadow

A shadow forms when something blocks the light.

light shadow dark sun

A. Use the words in the box.

1. We need **light** to see.
2. When I block the light, I make a **shadow** .
3. At night it is **dark** .
4. The **sun** gives us light in the day.

B. True or false? Circle.

1. The moon makes its own light. True **False**
2. We can see in total darkness. True **False**
3. The sun is our biggest source of light. **True** False
4. A shadow is dark. **True** False

ANSWER KEY

Name _____ Date _____

Science · Sound

Loud or Soft?

Some sounds are loud. Some sounds are soft.

a drum | a whisper | a truck horn | a ticking clock | thunder | a cat purring | a school bell | leaves rustling

Loud	Soft
a drum	a whisper
a truck horn	a ticking clock
thunder	a cat purring
a school bell	leaves rustling

Which sound do you like best? Why?

Answers will vary.

ANSWER KEY

Name _____ Date _____

Science · Sound

Sounds Around Us

Animals and things make different sounds.

A. Write the letter of the sound in the box.

b	1. cow	a) meow
a	2. cat	b) moo
f	3. dog	c) caw
e	4. duck	d) baa
d	5. sheep	e) quack
c	6. crow	f) woof

B. Fill in the blanks.

1. We hear sounds with our **ears** .

2. Sound is made when things **shake** . (shake / sleep)

ANSWER KEY

Name _____ Date _____

Science · Sound

Science Review

Show what you know about energy, heat, light and sound.

energy | heat | light | sound | ears | sun

A. Use the words in the box.

1. The **sun** gives us heat and light.
2. We need **light** to see colours.
3. A drum makes a loud **sound** .
4. Food gives us **energy** .
5. A heater gives **heat** .
6. We hear with our **ears** .

B. Circle the answer.

1. Which one makes a sound? **bell** | stone | leaf
2. Which one gives light? spoon | **torch** | cup