

CAUSE & EFFECT

Designed for English Language Learners

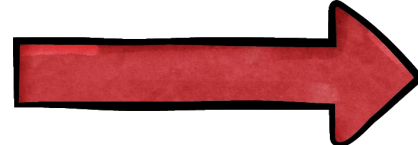


Listening

Reading

Speaking

Writing



LESSON 1: WEATHER VOCABULARY

GOAL

I can explain cause
and effect relationships
between seasonal
changes and plants
and animals.

WEATHER VOCABULARY

Types of Weather



sunny



stormy



rainy



windy

LET'S TALK ABOUT WEATHER

What is your favorite type of weather?



My favorite type of weather is

and

because...

LESSON 2: SEASONS VOCABULARY

LESSON 2

ESSENTIAL QUESTION ?

Which vocabulary words belong with seasons?

I CAN STATEMENT ✓

I can **use** seasonal vocabulary.

SEASONS VOCABULARY



winter



spring



fall



summer

In many parts of the world, there are **four** seasons.

WITH
HYPERLINKS
TO VIDEOS AND
STUDENT
ACTIVITIES

LET'S TALK ABOUT SEASONS

1 - Let's watch this film and think about what's happening.

2 - Let's talk about **what's** happening.

What did you see happening first?

First, I saw ...

What did you see happening next?

Next, I saw...

3 - Now let's talk about **why** it's happening.

because...
what's happening



LESSON 3: WEATHER VS SEASONS

LESSON 3

ESSENTIAL QUESTION ?

What's the difference between weather and seasons?

I CAN STATEMENT ✓

I can **explain** the difference between weather and seasons.

WEATHER VS SEASONS

Weather is the state of the air, or atmosphere. It constantly changes.

One day it might be warm and sunny, then the next day it might be cool and rainy.



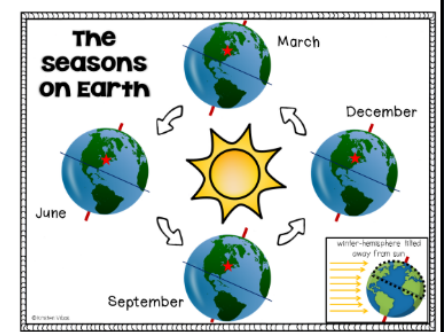
 What is the weather forecast for this week?
What types of weather can we expect?

WITH DRAG &
DROP AND
WRITING
ACTIVITIES

WEATHER VS SEASONS

What causes seasons to change?

Earth is **tilted** on an axis. As the earth orbits the sun, the hemisphere tilted toward the sun receives the most **direct** sunlight and is the warmest (summer), while the hemisphere tilted away from the sun receives **indirect** sunlight and is the coldest (winter).



LESSON 4: HOW WEATHER AFFECTS PLANTS

LESSON 4

ESSENTIAL QUESTION ?

How does the weather and seasonal changes affect plants?

I CAN STATEMENT ✓

I can **explain** how weather and seasonal changes affect plants.

PLANTS VOCABULARY

bloom

to flower



VOCABULARY BUILDING ACTIVITIES

SEASONS and PLANTS

Matching



Finish the sentence

In spring, new plants _____ and flowers _____

In summer, fruit is _____ to eat.

In fall, the _____ change color.

In winter, snow falls and trees are _____

SEASONS and PLANTS

THINK & WRITE

Explain **how** plants adapt to seasonal changes.

Explain **why** plants adapt to seasonal changes.

Insert an image

Insert an image

LESSON 5: HOW WEATHER AFFECTS ANIMALS

LESSON 5

ESSENTIAL QUESTION ?

How does the weather and seasonal changes affect animals?

I CAN STATEMENT ✓

I can **explain** how weather and seasonal changes affect animals.

ANIMAL VOCABULARY

migrate

to move a long distance



MORE VOCABULARY BUILDING ACTIVITIES

WEATHER and ANIMALS

A Great Migration

Wildebeests are large animals who live in Africa. They are herbivores. They eat grass and drink water to survive.

Wildebeests migrate, or move, along the same circular path every year. They travel thousands of miles together in large groups. It is a dangerous journey.



Scientists aren't sure why wildebeests migrate. Some say it's because of the seasons. Wildebeests need rain to find green grass and water. They think this migration protects them from predators, like lions and cheetahs. Because they are always moving, they know where to find them.

What do you think?

WEATHER and ANIMALS

Choose **one** prompt to explain.

1 - Describe how animals adapt in fall. 🍂

2 - Describe how animals adapt in winter. ❄️

3 - Describe how animals adapt in spring. 🌸

4 - Describe how animals adapt to summer. ☀️

5 - Describe **why** animals need to adapt to seasonal changes.

LESSON 6:

CAUSE & EFFECT

RELATIONSHIPS BETWEEN SEASONAL WEATHER AND PLANTS & ANIMALS

LESSON 6

ESSENTIAL QUESTION ?

How and why do plants and animals change during the seasons?

I CAN STATEMENT ✓

I can **describe** how plants and animals change during the seasons.
I can **explain** what causes plants and animals to change during seasons.

CAUSE and EFFECT

Choose a picture, then drag and drop it into the box.



1- Describe how this animal adapts (WHAT happens?)

2- Explain what *causes* this adaptation (WHY does it happen?)

3- How does this adaptation help the animal?

CAUSE and EFFECT

Choose a picture, then drag and drop it into the box.



1- Describe how this plant changes. (WHAT happens?)

2- Explain what *causes* this change. (WHY does it happen?)

Assessment

Writing or Speaking

- 1- Choose a season and describe the weather during that season.
- 2- Describe the effects weather has on plants and animals during that season.
- 3- Explain how plants and animals adapt to the changing weather during that season.

PLUS, AN END OF UNIT ASSESSMENT

PDF FILES: PRINTABLES

POSTERS

Weather

rainy

sunny

windy

snowy

cloudy

stormy

cold

chill

Seasons

winter

spring

summer

fall

dry

wet

ANCHOR CHART EXAMPLE

Weather and Seasons

How does the weather and seasonal changes affect plants and animals?

winter

cold

spring

warm

snow

rain

hibernate
sleep
eat
food

- plants grow
- flowers bloom
- animals wake up
- baby animals are born

chilly

summer

hot

sunny

wind

- a lot of green
- *plants *trees *grass

- animals try to stay cool
- animals search for water

of rain
and watering
fill up
leaves and
grow
of green

dry

- lack of rain
- rivers and watering
holes dry up
- grass, leaves
and plants die

PDF FILES: PRINTABLES

"GUIDING QUESTION" POSTERS



What causes seasons to change?

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Why do leaves change color?

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Why do some animals hibernate?

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Why do trees lose their leaves?

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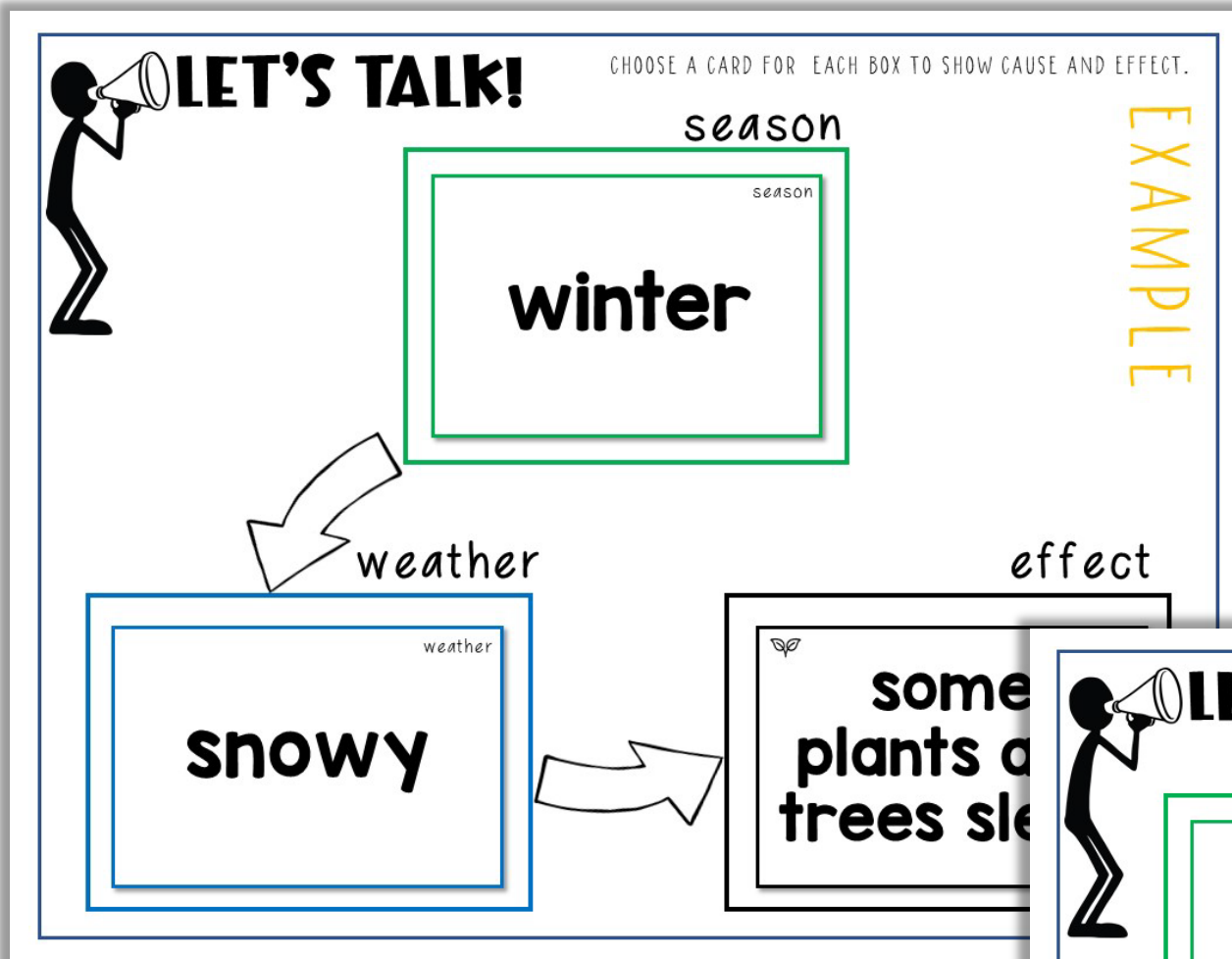


Why do some animals migrate?

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PDF FILES: PRINTABLES

SPEAKING MATS



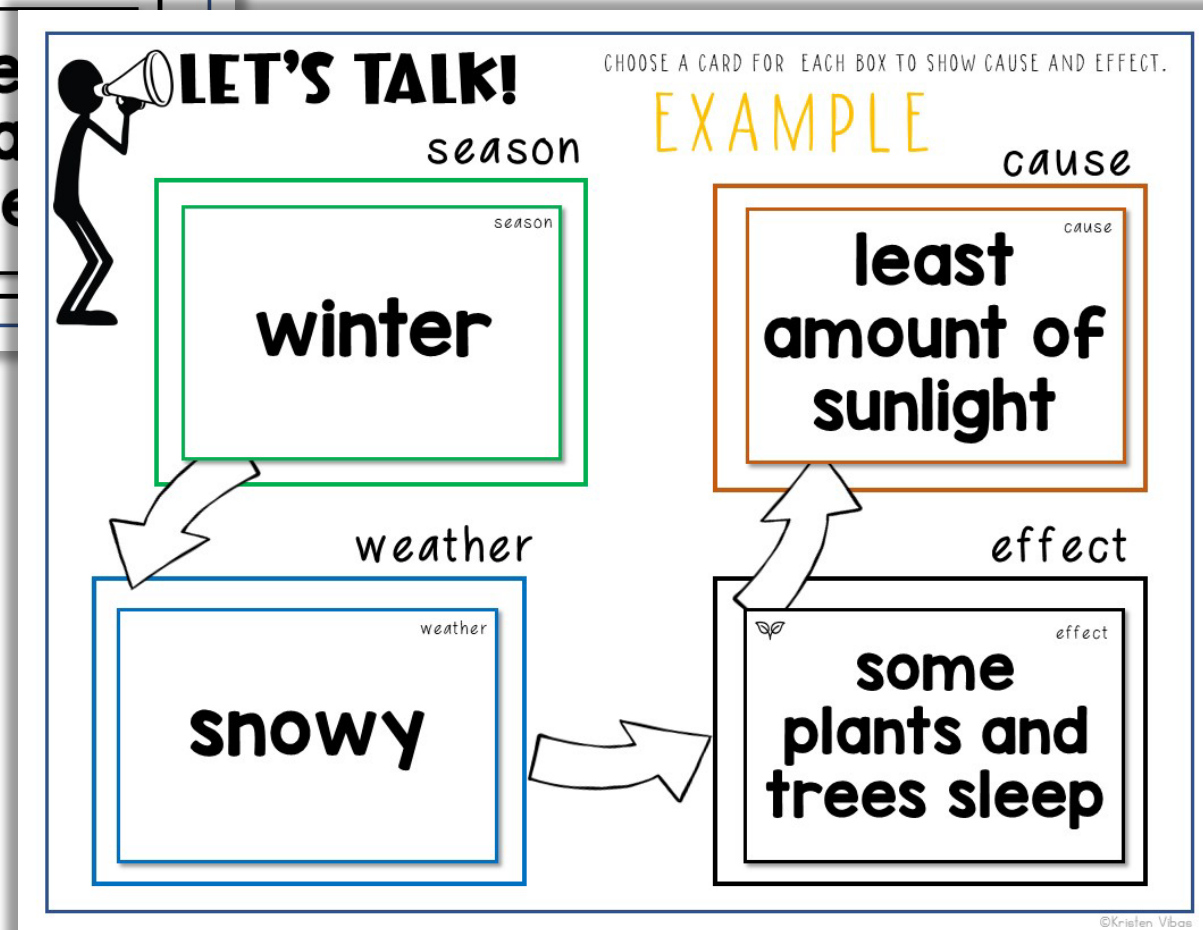
LET'S TALK!

What happens to some plants in _____ when the weather is _____?

_____ causes _____.

What happens to some animals when the weather is _____?

_____ causes _____.



STUDENTS CHOOSE
CARDS TO CREATE
AND TALK ABOUT
CAUSE AND EFFECT RELATIONSHIPS

PDF FILES: PRINTABLES

hibernate	a long, deep sleep	
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Some animals hibernate during the winter because of

migrate	to travel, or move
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Some animals migrate to warmer places during the w

adapt	change
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Animals adapt to changes in seasons because it helps

Weather and Seasons Vocabulary

Key Word	Information	Memory Clue (picture)
----------	-------------	-----------------------

Sentence:

Key Word	Information	Memory Clue (picture)
----------	-------------	-----------------------

Sentence:

Key Word	Information	Memory Clue (picture)
----------	-------------	-----------------------

Name: _____

Text: _____

Category: Categorizing Information

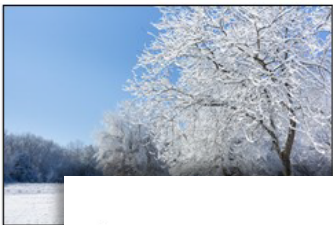
Heading	Heading	Heading	Heading
Information	Information	Information	Information

WINTER

Winter weather causes many changes. The temperature drops and the air becomes very cold. Ice cover the ground. Less days are shorter in the winter.

The cold winter weather keeps animals hibernating. Other plants stop growing. Trees are bare. Plants and trees help them survive until spring.

Winter weather also makes it difficult for animals. There is less food available, so some animals go to sleep, in winter. Other animals migrate, or move to warmer places. Food is easier to find. Animals survive. The migrating animals arrive in the spring when food is



WINTER

In winter the air is cold. It snows. It's icy. The days are short and it gets dark earlier. People stay inside to keep warm.

In winter, plants sleep. Trees sleep too. They lose their leaves. Without plants and leaves, there is less food for animals to eat.

Animals stay inside their shelter. Some animals sleep all winter. This is called hibernation. Other animals migrate, or move to warmer places. This is how they survive the winter.

In winter, the air is _____.
Days are **shorter/longer**.

Trees lose their _____.

It is **harder/easier** for animals to find food.



SPRING

In spring, the air is warm. The days get longer. People come outside more.

In spring, plants begin to grow. Flowers blossom and grow on trees. The weather is warm. Animals come out to eat.

Many baby animals are born. Sleeping animals wake up. They are hungry. Other animals migrate back home. They are happy to be home in the spring!

Plants and animals

In spring, the air is

Days are **shorter/longer**.

Trees grow new

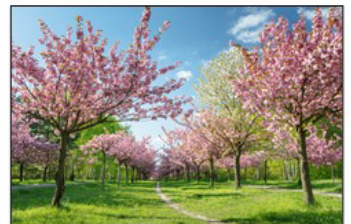
It is **harder/easier**

for animals to

find food.

SPRING

Spring weather brings many welcomed changes. Days are warmer. Days become longer. Rain provides water to both plants and animals.



Plants begin to grow again. Buds turn into new green leaves. Flower blossoms make gardens colorful. Tree branches are no longer bare.

Spring weather brings more food for animals! Since food is easier to find, many baby animals are born in the spring. Hibernating animals wake up and they are hungry. Other animals migrate, or move, back home. They survived the winter!

Spring is a busy time for plants and animals.

CAUSES

SPRING WEATHER

CAUSES