Google Slides Lessons Preview

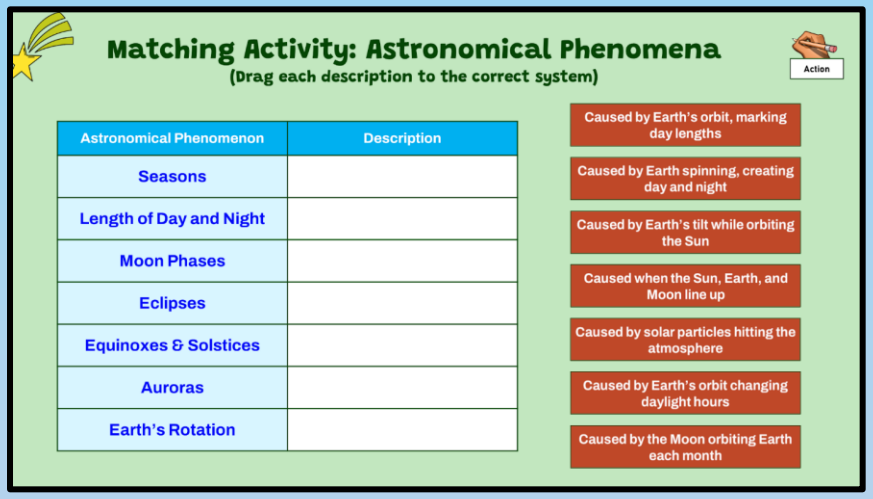
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Alberta Science Curriculum
Space Unit – Grade 5

3-Part Lesson Format

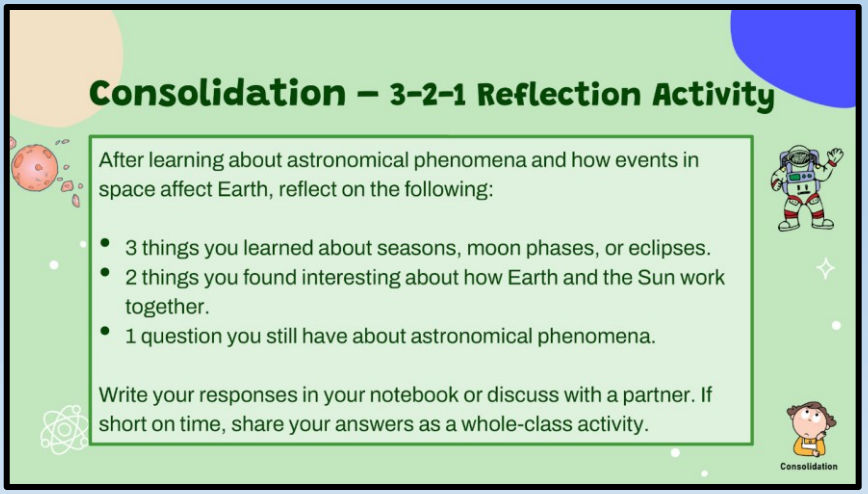
Part 1 – Minds On!
- Learning Goals
- Discussion Questions
- Quotes
- And More!





Part 2 – Action!
- Surveys/Polls
- Matching
- Drag and Drop
- Videos
- And More!

Part 3 – Consolidation!
- Exit Cards
- Quick Draw
- 3-2-1 Reflection
- One-Sentence Summary



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Cause and Effect: Equinoxes, Solstices, and Seasonal Changes

Action

Instructions: Drag the letter of each Effect to match its corresponding Cause.

	Cause
	Spring Equinox
	Summer Solstice
	Autumn Equinox
	Winter Solstice
	Spring: Farmers plant seeds; animals wake
	Summer: Crops grow; animals rest in heat
	Autumn: Farmers harvest; animals mate

	Effect
A	A) Farmers fertilize and prepare soil
B	B) Crops ripen; animals active at dawn and dusk
C	C) Signals the start of winter
D	D) Crops are harvested; animals prepare for winter
E	E) Day and night are always the same length
F	F) Signals the start of spring
G	G) Signals the start of autumn
H	H) Signals the start of summer

Daylight Saving Time

Drag and drop items from the word bank to complete the short paragraph below.

Daylight Saving Time

Daylight Saving Time happens when we move the clocks _____ in spring and _____ in fall. This change gives us more _____ in the evening during summer months. It also means we have more _____ in the morning during the fall and winter. The Earth's _____ causes seasons and affects how much sunlight we get. In the summer, days are _____ and warmer. In the winter, days are _____ and colder.

Word Bank:

shorter | daylight | moonlight | tilt
forward | longer | back | sunlight

Learning About Eclips

Action

Check **True** Or **False** For Each Statement Based On What You Learned.	True/Fa
1) A **lunar eclipse** happens when Earth's shadow covers the Moon.	
2) Eclipses happen every night when the Moon rises.	
3) Solar eclipses always last for many hours.	
4) A **partial lunar eclipse** covers only part of the Moon.	
5) A **total lunar eclipse** can make the Moon look red.	
6) The **Sun, Earth, and Moon** must line up for an eclipse.	
7) Solar eclipses can be seen by everyone on Earth at once.	
8) An **annular eclipse** leaves a glowing ring of sunlight around the Sun.	
9) A **solar eclipse** happens when Earth moves between the Sun and Moon.	
10) Eclipses occur every month with each new and full Moon.	

True | False

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Matching Activity: Ocean Tides

(Drag Each Description To The Correct term)

Term	Description
Tide	
High Tide	
Low Tide	
Moon's Gravity	
Sun's Gravity	
Diurnal Tide Cycle	
Semi-Diurnal Cycle	

Water at its lowest point.

Two high tides and two low tides each day.

Weaker force, still helps shape tides.

The rise and fall of ocean water levels.

Water at its highest point.

One high tide and one low tide each day.

Main force that pulls oceans, causing tides.

Word Search

E W P A R T I C L E S N T E V X
V K A T M O S P H E R E O F S U N
H S I E O J A Z G L Q P F R B Z C
A X A Q Y R O H L D Q N B B T R N
P Q K P O O X T F A S I L A V H I
O U O R Q N Y B Y N B A G C B F T
L E U P R D G B O R E A L I S D R
A A M A G N E T I C I W D F L H O
R Z L N F B N K H S N N T E K A G
J O P E W M Z R E U I K I O P X E
S C O L L I D E S W V F D O A D N

AURORA
SOLAR
MAGNETIC
OXYGEN
PARTICLES
POLAR
NORTH
WIND
FIELD
NITROGEN
ATMOSPHERE
COLLIDE
SUN

...ects The Métis And The Sky?

...the Métis people use the sun, moon, stars, and seasons to guide daily life and ...itions.

Match each statement to the correct body system by placing the category number next to the task.

1 Moon Phases | 2 Sun | 3 Stars | 4 Seasons

Sunset marks rest, storytelling, and community bonding.

The new moon represents fresh beginnings.

Winter is for hunting and gathering supplies.

The North Star helps guide navigation at night.

Autumn is the time for harvest.

Sunrise marks the beginning of daily tasks and work.

The full moon is a time of harvest and celebration.

Spring is for planting and preparing land.