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# CW Middle School

## Science 8 C

### 1. Stars & Galaxies (25.00%)


#### Learning Targets

#### 1.1 I can develop and use a model to describe the role of gravity in the motions within galaxies and the solar system.

Learning Target	Descriptor	Definition
4	Proficient	I can develop and use a model to describe the role of gravity in the motions within galaxies and the solar system.
3	Developing	I can develop a model of the motions within galaxies.
2	Basic	I can analyze scale properties of objects in the solar system.
1	Minimal	I can define basic terminology for galaxy motion.
0	No Evidence	No evidence shown.

#### 1.2 I can describe star evolution, identify the major types of galaxies, and identify our place in the Milky Way galaxy.

Learning Target	Descriptor	Definition
4	Proficient	I can describe star evolution, identify the major types of galaxies, and identify our place in the Milky Way galaxy.
3	Developing	I can describe how a star forms, and how mass affects star evolution.
2	Basic	I can describe how stars are classified.
1	Minimal	I can explain how we measure distances in space.
0	No Evidence	No evidence shown.


  
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## Science 8 C

### 2. Atmosphere (25.00%)


#### Learning Targets

2.1 I can determine the composition of the Earth's atmosphere and explain how the atmosphere is important to living things.

Learning Target	Descriptor	Definition
4	Proficient	I can determine the composition of the Earth's atmosphere and explain how the atmosphere is important to living things.
3	Developing	I can describe the state of energy as it travels to Earth from the sun and what happens to this energy in the atmosphere and at Earth's surface.
2	Basic	I can identify properties of the atmosphere and explain how altitude affects air pressure and temperature.
1	Minimal	I can define basic terminology for Earth's atmosphere.
0	No Evidence	No evidence shown.

2.2 I can identify how humans impact air quality, explain why it is important to monitor air quality standards, and present ways to improve our air quality.

Learning Target	Descriptor	Definition
4	Proficient	I can identify how humans impact air quality, explain why it is important to monitor air quality standards, and present ways to improve our air quality.
3	Developing	I can provide solutions to clean up Earth's air
2	Basic	I can list ways air quality is threatened.
1	Minimal	I can define basic terminology for air quality.
0	No Evidence	No evidence shown.

  
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## Science 8 C

### 3. Weather (25.00%)

#### Learning Targets

3.1 I can provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions and relate weather to the water cycle.

Learning Target	Descriptor	Definition
4	Proficient	I can provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions and relate weather to the water cycle.
3	Developing	I can identify and describe the different types of pressure systems and air masses.
2	Basic	I can determine what drives the weather patterns.
1	Minimal	I can provide examples of severe weather.
0	No Evidence	No evidence shown.


  
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## Science 8 C

### 4. Climate & Climate Change (25.00%)

#### Learning Targets

4.1 I can develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of circulation in the atmosphere and oceans that determine regional climates.

Learning Target	Descriptor	Definition
4	Proficient	I can develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of circulation in the atmosphere and oceans that determine regional climates.
3	Developing	I can determine how climates differ and are classified.
2	Basic	I can identify how the ocean affects climate.
1	Minimal	I can define basic climate terminology.
0	No Evidence	No evidence shown.

4.2 I can investigate how human activities affect climate and how scientists predict future climate change.

Learning Target	Descriptor	Definition
4	Proficient	I can investigate how human activities affect climate and how scientists predict future climate change.
3	Developing	I can determine what indicators predict future climate.
2	Basic	I can identify human activity that is detrimental to climate.
1	Minimal	I can interpret how climate has varied over time.
0	No Evidence	No evidence shown.

Submitted on 7/26/2021 by Matt Buchman