

Westside Middle School 6th Grade Science Curriculum Map 2019-2020

Teacher: Newell & Darr **Revised:** 5.8.19



Map is still under construction and will be revised throughout the year.

WESTSIDE MIDDLE SCHOOL 6TH GRADE SCIENCE CURRICULUM MAP

Teacher: Newell & Darr

Quarter 1

Topic: Intro to Science & Earth's Systems

Essential Questions:

Students will consider.....

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- How can data be used to achieve an optimal design of an object or tool? (6-ETS1-4)

Students will.....

AR STANDARDS / SKILLS

CONTENT VOCABULARY WITHIN THE STANDARD WILL BE TAUGHT THROUGHOUT DAILY OBJECTIVES / GOALS.

Science/Engineering Practices	Disciplinary Core Idea	Crosscutting Concepts:	

Activities/Skills	Assessments	Resources	Vocabulary
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<u>Quarter 2</u>
Topic: Structure and Function of Cells
Essential Questions: Students will consider... <ul style="list-style-type: none"> •
I will.....

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AR STANDARDS / SKILLS

CONTENT VOCABULARY WITHIN THE STANDARD WILL BE TAUGHT THROUGHOUT DAILY OBJECTIVES / GOALS

Life Science

Science/Engineering Practices	Disciplinary Core Idea	Crosscutting Concepts:	
		<p>Scale, Proportion, and Quantity</p> <ul style="list-style-type: none"> •Phenomena that can be observed at one scale may not be observable at another scale. (6-LS1-1) <p>Structure and Function</p> <ul style="list-style-type: none"> •Complex and microscopic structures and systems can be visualized, modeled, and used to describe how their function depends on the relationships among its parts; therefore complex natural structures/systems can be analyzed to determine how they function. (6-LS1-2) <p>-----</p> <p>Interdependence of Science, Engineering, and Technology</p> <ul style="list-style-type: none"> •Engineering advances have led to important discoveries in virtually every field of science, and scientific discoveries have led to the development of entire industries and engineered systems. (6-LS1-1) 	

Activities/Skills	Assessments	Resources	Vocabulary/Terms
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Quarter 3

Topic: Structure and Function of Cells
Growth and Development of Organisms

Essential Questions:

Students will consider...

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I will.....

AR STANDARDS / SKILLS

CONTENT VOCABULARY WITHIN THE STANDARD WILL BE TAUGHT THROUGHOUT DAILY OBJECTIVES / GOALS.

Science/Engineering Practices	Disciplinary Core Idea	Crosscutting Concepts:	
Activities/Skills	Assessments	Resources	Vocabulary/Terms
<ul style="list-style-type: none">	<ul style="list-style-type: none">	<ul style="list-style-type: none">	

Quarter 4

Topic: Growth and Development of Organisms
Human Impact
Weather & Climate

Essential Questions:

Students will consider.....

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I will.....

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AR STANDARDS / SKILLS

CONTENT VOCABULARY WITHIN THE STANDARD WILL BE TAUGHT THROUGHOUT DAILY OBJECTIVES / GOALS.

Science/Engineering Practices	Disciplinary Core Idea	Crosscutting Concepts:	
<ul style="list-style-type: none">••	<ul style="list-style-type: none">••	<ul style="list-style-type: none">•• <hr/> <ul style="list-style-type: none">•	
Activities/Skills	Assessments	Resources	Vocabulary/Terms
<hr/> <ul style="list-style-type: none">•	<ul style="list-style-type: none">• Pre/Post Test• Exit Slips• Writing/CER/Reflections• Projects/ Models	<ul style="list-style-type: none">• Kesler Science• Gizmos• ReadWorks• NEWSELA	<hr/>

		<ul style="list-style-type: none">• Teachers Pay Teacher• BetterLesson• Interactive notebook	<hr/>
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