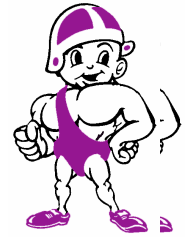




# Fremont City Schools

## HARCOURT SCIENCE GRADE 6



**1st Grading Period**

8 weeks of instruction

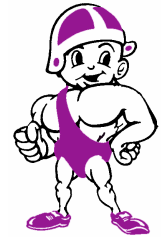
# of Days	Topic/Chapter	GLI' s	Need: to Fill-n-Gaps
<b>Preparing for Science</b>			
<b>8</b>	<b>1. Preparing for Science</b> Introduction ☺	SI 1, 2, 3 SWOK1, 3	SI 2, 3 SWOK1, 3
<b>Understanding Living Things</b>			
<b>19</b>	<b>2. Cells, Reproduction, and Heredity</b> Chapter 1 ☺	LS 1, 2, 3, 4, 5, 6, 7	LS 1, 2, 4, 7
<b>20</b>	<b>3. Plants and Plant Growth</b> Chapter 3	LS 4, 5, 6, 8 SI 1, 4 SWOK 5	LS 4, 8 SI 4 SWOK 5

Earth and Space Science – ESS  
 Life Science – LS  
 Physical Science – PS  
 Science and Technology – ST  
 Scientific Inquiry – SI  
 Scientific Ways of Knowing – SWOK



# Fremont City Schools

## HARCOURT SCIENCE GRADE 6



**2<sup>nd</sup> Grading Period** 9 weeks of instruction

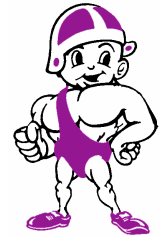
# of Days	Topic/Chapter	GLI's	Need: to Fill-n-Gaps
<b>Interactions in Ecosystems</b>			
<b>20</b>	<b>4. Ecosystems</b> Chapter 4	LS 8 ST 1, 2, 5	LS 8 ST 5
<b>19</b>	<b>5. Resources in Ecosystems</b> Chapter 5	PS 5, 6, 8 ST 1, 2, 5 SWOK 5	PS 5, 6, 8 ST 5 SWOK 5
<b>18- 20</b>	<b>6. Renewable/Nonrenewable Resources</b>	PS 5, 6, 7, 8 ST 1, 2, 5	PS 5, 6, 7, 8 ST 5

Earth and Space Science – ESS  
 Life Science – LS  
 Physical Science – PS  
 Science and Technology – ST  
 Scientific Inquiry – SI  
 Scientific Ways of Knowing – SWOK



# Fremont City Schools

## HARCOURT SCIENCE GRADE 6



### 3<sup>rd</sup> Grading Period 9 weeks of instruction

# of Days	Topic/Chapter	GLI's	Need: to Fill-n-Gaps
<b>Exploring Earth</b>			
14-21	<b>7. Earth's Rocks</b> Chapter 7	ESS 1, 2, 3 ST 1, 2	ESS 2, 3
11-16	<b>8. Fossils</b> Chapter 8 ☺	ESS 1 PS 5	PS 5

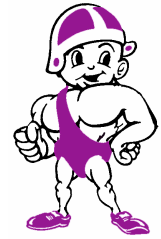
### 4<sup>th</sup> Grading Period 9 weeks of instruction

# of Days	Topic/Chapter	GLI's	Need: to Fill-n-Gaps
<b>Matter and Energy</b>			
13-16	<b>9. Atoms and Elements</b> Chapter 12	PS 1, 2, 3, 4 SWOK 5	PS 4 SWOK 5
15-21	<b>10. Matter and How it Changes</b> Chapter 13 ☺	PS 1, 2, 3, 4 ST 2, 5	PS 1, 4 ST 5

Earth and Space Science – ESS  
 Life Science – LS  
 Physical Science – PS  
 Science and Technology – ST  
 Scientific Inquiry – SI  
 Scientific Ways of Knowing – SWOK



# Fremont City Schools



## HARCOURT SCIENCE GRADE 6

There are no text reference at all for ST 3: **Describe how automation (e.g. robots) has changed manufacturing including manual labor being replaced by highly skilled jobs.**

- Check LRC at Fremont Middle School for a good video that addresses this topic. Bill Nye, National Geographic etc. are good informational videos. This website may also be useful. [www.unitedstreaming.com](http://www.unitedstreaming.com)

There are no text references for chapters identified for ST 4: **Explain how the usefulness of manufactured parts of an object depend on how well their properties allow them to fit and interact with other materials.**

- This chapter is not covered in the curriculum guide because this is the only GLI in this chapter and is insufficiently covered. Connect this topic with ST 3 for the students and be sure to target this GLI.

■□□ **ST 4:** The text addresses *manufactured parts*, such as lever, pulleys, wheels, axles, wedges, and screws as they relate to use in *object* and as a mechanism of technology that makes work easier. More information and activities are needed in relation to how the *properties of manufactured parts allow them to fit and interact with other materials* in order to reach a greater depth of coverage. Additionally, expanded direct instruction and student practice with particular reference to *manufactured parts* other than those covered in the text and how their *usefulness* is measured based on *how well their properties allow them to fit and interact with other materials* are needed to raise the correlation.

There are no text references at all for SWOK4: **Explain that a single example can never prove that something is always correct, but sometimes a single example can disprove something.**

- ☺ This is noted by chapters that it can be easily added as a part of a lab activity or discussion.

There are no text references at all for SWOK 2: **Describe why it is important to keep clear, thorough and accurate records.**

- This GLI can be incorporated into all chapters of the text. Be sure to keep addressing this GLI throughout the year.

There are no text references at all for SWOK 4: **Describe how the pursuit of scientific knowledge is beneficial for any career and for daily life.**

- Discuss the importance of science and how it is incorporated into many careers in life. This is easy for students to see the connection and address it in all lessons taught.

Earth and Space Science – ESS  
Life Science – LS  
Physical Science – PS  
Science and Technology – ST  
Scientific Inquiry – SI  
Scientific Ways of Knowing – SWOK