

# STEMs TO SUNSHINE

## Common Core Maps

### ELA

#### • Reading Strands for Literature

- Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- Determine a theme or central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.
- Analyze how a particular sentence, chapter, scene, or stanza fits into the overall structure of a text and contributes to the development of the theme, setting, or plot.
- Explain how an author develops the point of view of the narrator or speaker in the text.

#### • Reading Strands for Informational Text

- Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.
- Analyze in detail, event, or idea is introduced, illustrated, and elaborated in a text (e.g. through examples or anecdotes).

#### • Speaking and Listening

- Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on grade 6 topics, texts, and issues, building on others' ideas and expressing their own clearly.
- Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
- Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.
- Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.
- Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.
- Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas of themes; use appropriate eye contact, adequate volume, and clear pronunciation.
- Include multimedia components (e.g. graphics, images, music, and sound) and visual displays in presentations to clarify information.

### MATH

#### • Expressions and Equations 6.EE

- Represent and analyze quantitative relationships between dependent and independent variables.
- 9. Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation. For example, in a problem involving motion at constant speed, list and graph ordered pairs of distances and times, and write the equation  $d = 65t$  to represent the relationship between distance and time.

6th Grade  
How do my  
Habits affect  
their  
Habits?