



Team 7K Titans: Integrated Unit #2

Exploration: Known to Unknown

<i>Duration</i>	10/26/09-1/15/2010	<i>Checkpoint #1</i>	
<i>Holidays</i>	11/23-27, 12/21-1/1	<i>Checkpoint #2</i>	
<i>Progress Reports</i>		<i>Final Project</i>	
<i>Report Cards</i>		<i>Fieldtrips</i>	Space Center Houston Gemini-Titan launch (12/4)

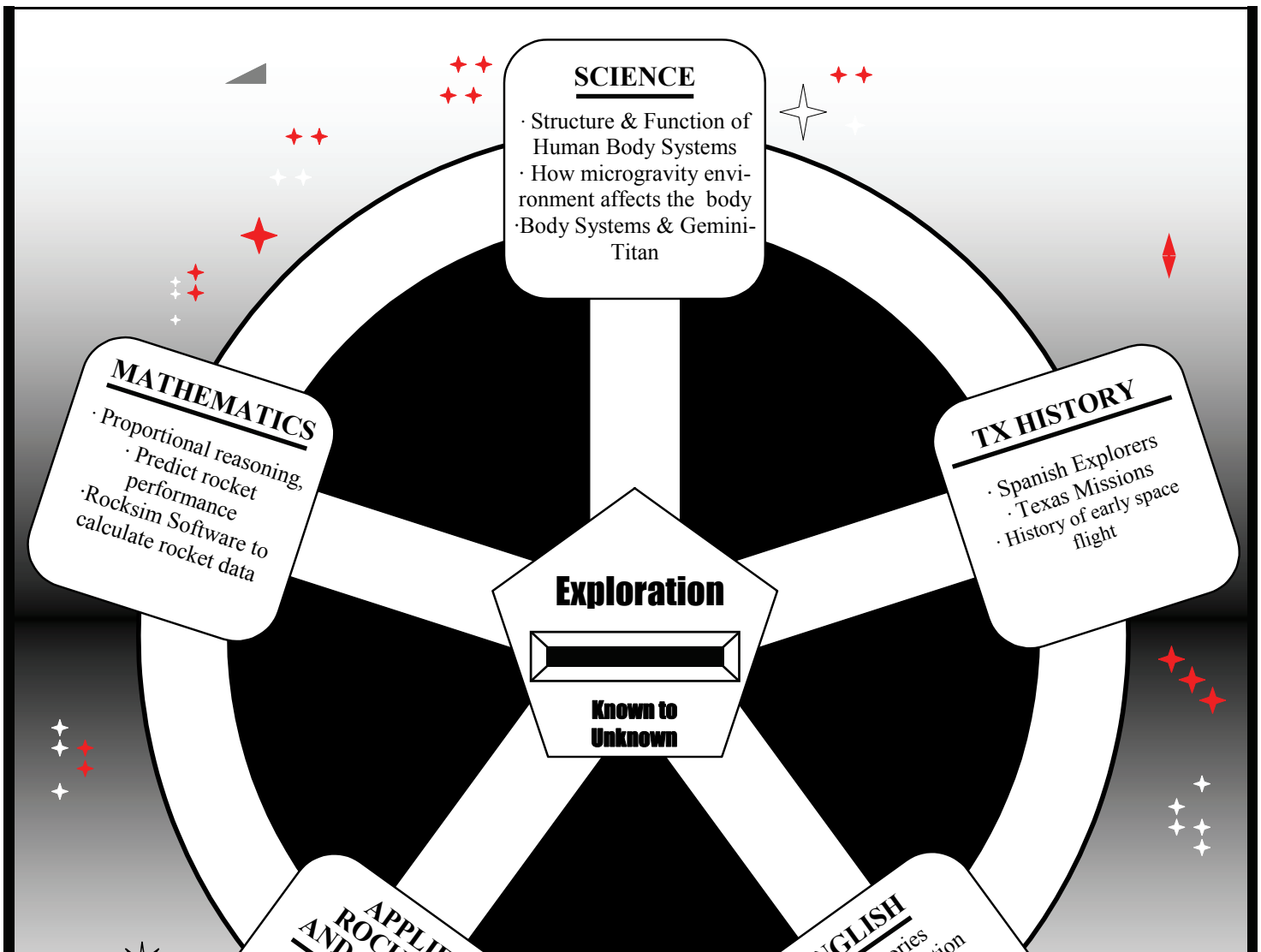
Unit Overview:

Exploration involves moving from the known to the unknown and scaffolding new knowledge and experiences onto pre-existing knowledge. Each 7K student will construct a scale model of the Gemini-Titan rocket. Students will create short films in which they discuss the elements of construction implicit in their rockets and the impact of those elements on the success of their rockets.

Exploration:

- Involves risk and/or reward
- Can be real and/or imagined
- Failures can be valuable
- Leads to new discoveries

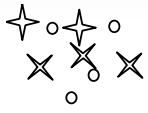
Generalizations





APPLIED ROCKETRY AND AVIATION

- Build Gemini-Titan Rocket
- Manned Space Flight as a means of exploration



ENGLISH

- Short stories
- Science nonfiction
- Personal narrative
- Grammar
- Novella
- SAT vocabulary