

## GRADES K THROUGH 2

Step	Activity	Duration	Groupings	Output
1	<b>Introduction</b> <ul style="list-style-type: none"> <li>Read over the task</li> </ul>	2-5 mins	Whole class	
2	<b>Get Ready</b> <ul style="list-style-type: none"> <li>Watch Scotty STEM Career Video</li> <li>Talk about Guiding questions</li> <li>Take notes on information, observations and thoughts</li> </ul>	15-20 mins	Whole class	a. Class chart of observations, thoughts, & answers to “guiding questions”
3	<b>Explore</b> <ul style="list-style-type: none"> <li>Go over Big Ideas/Essential Questions</li> <li>Talk about the task and make connections to what you already know</li> </ul>	5-10 mins	Whole class	a. Class chart with thoughts about/answers to the “essential questions”
4	<b>Prepare</b> <ul style="list-style-type: none"> <li>Read the Goal, Role, Audience, Situation</li> <li>Read the product description</li> <li>Watch the product video</li> </ul>	10-15 mins	Whole class; unless groups are working on different products	
5	<b>Ask Questions</b> <ul style="list-style-type: none"> <li>What do we need to know?</li> <li>What do we want to know?</li> <li>Why should we know?</li> <li>Look back at Scotty STEM video</li> </ul>	10-15 mins	Whole class	a. Class chart of questions
6	<b>Research &amp; Learn</b> <ul style="list-style-type: none"> <li>Read and discuss the Constructed Responses</li> <li>Explore the research, books and other selected materials</li> </ul>	15-30 mins	Whole class; maybe individually completed if ready	a. Group discussion of research
7	<b>Create Product</b> <ul style="list-style-type: none"> <li>Review directions</li> <li>Review product video</li> <li>Begin work</li> </ul>	15-30 mins	Whole class, large group, small groups, or individual	a. First draft of “product(s)”
8	<b>Practice &amp; Present</b> <ul style="list-style-type: none"> <li>Talk with your teacher and classmates to see if the product is ready to go</li> <li>Make any changes</li> <li>Share your work</li> </ul>	5-20 mins	Whole class, large group, small groups, or individual	a. Final “product(s)”