

Kalpana Chawla

Lesson Plan for Grades 3-5

Studies Weekly ELA Standards	SW.RL.1, SW.RI.2, SW.2.F, SW.SL.1, SW.SL.1.C
Materials List	<input type="checkbox"/> Smartboard <input type="checkbox"/> Paper <input type="checkbox"/> Poster board/bulletin board
Approximate Time	35-40 minutes, excluding a 1-3 minute article
Balanced Literacy Format	Shared Reading
Lesson Presentation Format	Whole Group Independent Work
Specific/Research-based Strategies	Setting Goals
Differentiated Instruction	Students who have difficulty coming up with a goal can confer with the teacher and they can work together to come up with one that is achievable.
Enrichment Activity	Have students research other astronauts who were on the Columbia with Kalpana Chawla.
Quiz	Mini assessment (formative assessment) - Expository Writing. Students should write an expository essay explaining the steps needed to take to achieve their goal. If time permits, allow students to research what is necessary to reach their goal (education, travel, background knowledge, etc.).
Answer Key / Complexity Level	(MODERATE/4)
Activity Directions for the Teacher	
<ol style="list-style-type: none"> 1. Ask the students if they have ever heard of Kalpana Chawla. If they have, find out what they know. If not, then tell them they are going to be reading about her. 2. Along with the students read the Studies Weekly article about Kalpana Chawla on the Smartboard: Week 6, Page 3: https://app.studiesweekly.com/online/publications/137950/units/138341#/articles/147159 3. Discuss the article. Be sure to stress how strenuous an aerospace engineer program is to complete. 4. Ask them if they know how difficult it is to be part of the space program. 	

5. Knowing how difficult it is to be an aerospace engineer and how difficult it is to be chosen for the space program, what can the students conclude about Kalpana Chawla?
6. If the students have not mentioned the word commitment, now is when it needs to be brought up. Explain that it takes a great commitment to get the grades to get into a good aerospace engineer program and that it also takes commitment to be an astronaut in the space program.
7. Have the students think of a definition of commitment.
8. Next, have students think of something they would like to achieve. Explain that when people want to achieve something they call it a goal.
9. Pass out paper and have each child write down their goal, and when they would like to achieve that goal. Also have them write what type of commitment it would take to achieve the goal.
10. Collect them and make a class poster or bulletin board. Keep track of the goals and remind the students that with commitment, they can be like Kalpana Chawla and reach their goal!