

## Stage 3 – Plan Learning Experiences

What sequence of teaching and learning experiences will equip students to engage with, develop, and demonstrate the desired understandings? Use the following sheet to list the key teaching and learning activities in sequence.

Week 1:

How do you solve your problems?

\* Read or watch Always a Solution

<https://www.youtube.com/watch?v=55k4RJHVInQ>

\* Discuss the problems in the story and how they solved them

\* brainstorm a list of how to make smart solutions

\* Review different problem solving graphics

\* Have students write about a personal problem and how they solved it

Week 2:

How can we use math to help make smart solutions?

\* Provide word problems related to the real world.

\* Discuss why they would need to be solved.

\* Discuss how solving the problem helps the individuals involved.

\* Discuss how can you use math to help solve their problems.

\* Journal Prompt: How can we use Math to help solve problems?

Week 3:

How do animals use smart solutions?

\* Teach adaptations.

\* Students pick an animal- describe it's adaptation and why it's important

\* Students made a Google Slide Presentation to share about their animal

Week 4:

How have Famous Americans used Smart Solutions to improve the USA?

\* Teach about Famous Americans- Benjamin Franklin, Abraham Lincoln, George Washington, Harriet Tubman, Thomas Edison, Alexander Graham Bell, etc

\* Small groups of students pick one famous American- examine a problem they faced- explain how they solved the problem- answer how it made the world a better place- Create a persuasive speech

Week 5:

How can we use Smart Solutions to make our school, community, and the world a better place?

\* Divide into small groups.

\* Each group should identify a problem in the school or community.

\* Each group will form an action plan to describe a Smart Solution to the problem

\* Groups will present to the class and receive feedback/constructive criticism.

\* The students will revise presentation and present to the principal for final approval.

\* If approved the students will put into place their Smart Solution Action Plan.