Mission: Possible Week 4

*Mission: Possible is a six-week unit for kids aged 4-9 to use design thinking to get involved in solving problems around them. It asks the question, **"How can I be a problem seeker and problem solver in order to make a positive impact in our community?"** It's interdisciplinary. It's hands-on and experiential. It's fun!*

Mission: Possible
A project of Einstein Academy
#doingthepossible

Mission of the Week:

How can I make a positive impact on the world around me?

Segment 1:

Exploration - How can I identify a problem to solve?
Mini Mission - Identify a problem

- *For ages 4-6* - Parents could help kids identify a problem by considering the possibilities presented and/or looking at problems that are interesting/relevant to the individual.
- *For ages 7-9* - Explore both problems presented and consider one of your own before choosing the problem you'll work to solve this week. What is the real problem in each situation?

Send Us - Share your problem with us (MissionPossible@EinsteinAcademyCO.org)!

Segment 2:

Exploration - How can I set a goal?
Mini Mission - Ask questions and Identify a goal

- *For ages 4-6* - Parents could help kids think of the questions they need to ask and consider where to get that information.
- *For ages 7-9* - Consider which questions you have that are clarifying questions and which are collecting background information. See how many of the questions you can answer WITHOUT your parents.

Send Us - Share your goal with us (MissionPossible@EinsteinAcademyCO.org)!

Share with us and others what you are doing by using the hashtags #doingthepossible and #einsteinacademyco on social media!

Segment 3:

Exploration - How do I launch my solution?
Mini Mission - Launch the solution

- *For ages 4-6* - Parents could help walk kids break down the problem solving into smaller steps and consider where to start in launching the solution.
- *For ages 7-9* - Map out different ways to solve the problem and think about the pros and cons to each. Determine which path to the solution you want to try. Why did you choose this one? What do you expect to happen?

Send Us - Share your steps with us (MissionPossible@EinsteinAcademyCO.org)!

Conclusion:

Questions to consider before Week 5 in order to be as successful as possible:

- Whom do you need to ask for help?
- What do you need in place before we start Week 4?
- What will you need in order to reach the goal you set?

Optional Family Mission:

Exploration - How can we solve problems in our house?

Mini-Mission - Seek out and start to solve a problem

- The potential problems we posed this week impact the greater community, but we know there are lots of problems in our own homes as well.
- Using the process we've been discussing, seek out and start to solve a problem in your home.
  - Talk to people to better understand what problems exist.
  - Identify a problem and gather all possible information (clarifying and background) in order to find the best possible solution.
  - Set a goal that will help you understand when you've solved the problem.
  - Brainstorm possibilities for solving the problem -- the more creative the better!
  - Determine your approach to solving the problem and get started with prototyping, iteration, and/or launching the first stage.
- Make sure everyone has a voice, and every plays a role...and make sure to have fun!

Einstein Academy is a private school opening in Denver, CO in August 2020 with grades k-5. For more information about the school or Mission: Possible, see EinsteinAcademyCO.org.

Students will… (*Standards covered this week*)		
Understand...	Know (content)...	Be able to do (skills)...
Asking questions and seeking answers helps me gather valuable information. **Solving problems** involves different stages.	**Goals** help us know when we have solved a problem. **Mistakes** are opportunities to learn. **The stages** of solving a problem.	**Identify** a problem. **Set** a solution into motion through prototyping and iteration **Gather** information needed to solve problem **Identify** and work towards a goal. **Think** creatively about solving a problem
Literacy - Use a variety of resources to build and communicate knowledge related to open-ended research questions. **Social Studies** - Identify, investigate, and analyze multiple perspectives **Science** - Ask questions to obtain information, Generate and compare multiple solutions **Essential Skills** - initiative/self-direction, Inquiry/analysis, Civic engagement **Judaics** - Understand and explain the concept of tikkun olam, repairing the world and how it pertains to problem solving		

Note: *These are a sampling of the standards integrated into this unit. Recognizing that Mission: Possible participants span many grades and readiness-levels, this is a generic structure meant to include everyone. Additional activities integrating grade-level standards in specific disciplines (such as math, literacy, science, and social studies) tied to this material are available. This is especially true for math where levels vary drastically from student to student. Please email us, and we'd be happy to provide those resources.*