

Study Plan

Date: Week 1			
Week Goal: Level 3 – Lunar Lover			
Level	Badges/Achievements	Tasks	Check
1 Earth Dweller	Astronaut Entry Exam	Complete the Astronaut Entry Exam	Submitted Entry Exam
2 Epic Earth Dweller	Out of This World	Attend the Out of This World workshop. Participate in at least 2 stations.	Two stamps on your Out of This World stamp card
3 Lunar Lover	Lunar Linguist ->	Create at least 5 Lunar Phase trading cards. (10 is better)	Submitted Trading Card Deck
		Be able to name the moon phases in order	Lunar Quiz with an Academy Director

Date: Week 2			
Week Goal: Level 5 – Everyday Engineer			
Level	Badges/Achievements	Tasks	Check
4 Tasteful Tinkerer	Extra! Extra!	Write an article for NASA	Submitted Article
5 Everyday Engineer	Reflective Visions	Create a mirror maze	Submitted Diagram of Maze
		Make a labelled diagram your maze	

Date: Week 3			
Week Goal: Level 7 – Experienced Experiment			
Level	Badges/Achievements	Tasks	Check
6 Radical Researcher	What Goes Up Must Come Down	Make an observation journal for the experiment	Submitted journal
7 Experienced Experimenter	Experimental Observer OR Materials Matter	Make an observation journal for the experiment	Submitted journal

Date: Week 4			
Week Goal: Level 9 – Ingenious Inventor			
Level	Badges/Achievements	Tasks	Check
8 Super Scientist	Badge: Big Blue Dot	Gravitational Pull	Make an orbit model
			Submitted Picture of Orbit Model
		It's a Small World	Write an explanation on the connection of the model to lunar phases
			Submitted Explanation Paragraph
9 Ingenious Inventor	Badge: Light So Bright ->	You See, I See, We See	Calculate and compare the diameter and distance (from the Sun) of planets in our Solar System
			Submitted It's a Small World Worksheet
			Two stamps on your You See, I See, We See stamp card

Date: Week 5			
Week Goal: Level 11 - Planet Professional			
Level	Badges/Achievements	Tasks	Check
10 Robotics Expert	Robotic Visionary ->	Make an orbit model	Submitted Picture of Orbit Model
		Write an explanation on the connection of the model to lunar phases	Submitted Explanation Paragraph
11 Planet Professional	Badge: Card Collector	Constellation Keeper	Create at least 10 Constellation trading cards. (20 is better)
		Be able to name and identify the constellations in the list	Constellation Quiz with an Academy Director
	Planet Protector	Create at least 4 Planet trading cards. (8+ is better)	Submitted Trading Card Deck
		Be able to name the planets in order	Planet Quiz with an Academy Director

Date: Week 6			
Week Goal: Level 13 – Galactical Geologist			
Level	Badges/Achievements	Tasks	Check
12 Assistant Astronomer	Everybody's a Critic	Attend the Invention Convention with your robot or invention design	Be seen by an Academy Director
		Defend your invention	Complete the planning worksheet and debate at the convention
		Make changes to your invention from critiques	Submitted original design and design after changes
13 Galactical Geologist	Badge: Intergalactic Artist ->	Twinkle, Twinkle Little Star	Pant a labelled Map of the Stars
		Planet Propaganda	Create an advertisement poster with at 3 facts about a planet

Date: Week 7			
Week Goal: (Continue 13) Level 15 – Satellite Operator			
Level	Badges/Achievements	Tasks	Check
14 Aspiring Astronaut	Astronaut for a Day (May have already started earlier)	Take T-Chart notes on an astronaut of the past with at least 4 facts	Submitted Notes
15 Satellite Operator	Astronaut for a Lifetime (May have already started earlier) X	Create a timeline with events in life of an astronaut using notes from Astronaut for a Day	Submitted Timeline

Date: Week 8			
Week Goal: Level 17 – Seasoned Space Traveler			

Level	Badges/Achievements	Tasks	Check
16 Space Chimpanzee	Tomorrowland I	Make a list of the jobs and traits of a perfect space crew	Submitted List
		Write a paragraph on your reasons for choosing this list	Submitted Paragraph
	Tomorrowland II	Use your list from Tomorrowland I to create the perfect astronaut	Submitted Job Application Form
		Create a job application using the information	
17 Seasoned Space Traveler	Badge: Engineer of the Future	Robotic Visionary	Submitted Booklet and Diagram
		Create a colored and labelled diagram of the robot	
	Rocket Scientist ->	Complete the Rocket Scientist Booklet and design a plan to create a rocket	Submitted Rocket Scientist Booklet
		Share the rocket design with your team	
		Build the chosen rocket design and launch it on Launch Day	Participate in Launch Day with a completed rocket

Date: Week 9

Week Goal: Finish up all quests and prepare for graduation!