



Choose one activity from each column. Each activity has a points value. To complete the badge you need to gain a minimum of 13 points.

1 point	Tell us about how a crater is formed and what meteorites tell us about the universe.	Compare satellite images of the Moon and Mars – label them to show similarities and differences.	Draw and label a satellite dish	Tell us your thoughts about life on other planets	Find out 5 facts about the International Space Station and 5 facts about living onboard.	Tell us about a current space mission, draw the craft involved	Make a model rocket
2 points	Show us using pictures or a model how craters are formed, what meteorites tell us about the universe, and, list five notable craters found on Earth.	Compare satellite images of Mars, the Moon and Earth – label them to show similarities and differences	Build a model satellite dish and tell us how it works.	Tell us your thoughts about other life in the universe. List 10 arguments for and 10 arguments against its existence.	Draw the International Space Station - label it and tell us 5 facts about living onboard.	Research a current space mission and build a model of the craft involved.	Make a model rocket that will launch (e.g. balloon powered, catapult launch)
3 points	Devise an experiment to show how craters are formed. Compare the difference between two surface types (soft, hard, wet or dry). What do meteorites tell us about the universe?	Compare images of Earth, Mars, the Moon and two other celestial bodies (planets, asteroids or natural satellites)	Draw a labelled diagram or make a model of a satellite dish. Tell us how they work what they are used for.	Tell us if you think there is extra-terrestrial life in the universe. If so what does it look like, if not why not?	Make a model of the International Space Station – tell us 5 facts about living onboard.	Plan a space mission. Tell us where you would go, what you hope to find and experiments you would do. How would you get there – draw or build the craft involved.	Build and launch a model rocket that will safely carry a fragile cargo (e.g. egg). Show us your cargo on retrieval.