

Earth and Space - Autumn term 1 - H2

Rocket Launch Science Station

Resources: <ul style="list-style-type: none">- Cardboard tubes (empty wrapping paper rolls or kitchen rolls)- Paper- Colored pencils/markers- String or yarn- Tape- Stopwatch	Set-up Instructions: <ul style="list-style-type: none">- Provide cardboard tubes, papers, and art supplies.- Encourage children to decorate the tubes, creating their own rockets.- Attach a string or yarn to the rocket and tape the other end to a sturdy object.- Measure the distance of the rocket launch using a stopwatch.
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Curriculum Links:

- Understanding the World: The World - Children know about similarities and differences in relation to places, objects, and living things.

Questions to Ask:

1. How far did your rocket travel?
2. What do you think would happen if we launched the rocket at different angles?

Stargazing

Resources: <ul style="list-style-type: none">- Blankets or mats- Telescope (if available)- Books about constellations- Flashlights or torches (to highlight pages in books)	Set-up Instructions: <ul style="list-style-type: none">- Create a comfortable area with blankets or mats for stargazing.- Provide books about constellations for children to explore.- Use a flashlight or torch to highlight specific pages in the books.
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Curriculum Links:

- Understanding the World: The World - Children know about similarities and differences in relation to places, objects, and living things.

Questions to Ask:

1. Can you find the Big Dipper constellation in the book?
2. What types of things can you see in the night sky?

Other Curriculum Ideas

Devise a personal hygiene routine. In class we will continue to discuss changing bodies and the need to stay clean and healthy. Draw up a routine to make sure we follow these rules about washing, showering, deodorant, teeth cleaning and changing clothes.

Use and handle money in the community. Encourage to browse the internet to look at the cost of everyday items. Note the cost of things when out and about in shops. Use and handle money, naming the coins used or show how to use debit cards at tills.