

Yellow Group Kinder, Weekly Reflection

Term 3, Week 5



This week was National Science week and the theme was 'Destination Moon.' Therefore we focused on gravity. Firstly we did a quick experiment. I held up a feather and a large marble and asked the children to predict which one would hit the floor first. Everyone predicted that the marble would fall first as it is heavier than the feather and they predicted correctly. Then we did the same thing with two A4 pieces of paper. The children predicted that as they were the same they would fall at the same rate. They were correct. Then I scrunched up one of the pieces of paper and the children predicted that the scrunched up paper would fall first and once again they were correct. When I asked why the children weren't quite sure but some of the suggestions were. **Ari:** because its scrunched up. **Abigail:** It made it more weight scrunch up. **Zara:** It's smaller. Then I explained to the children that the reason everything falls to the ground is because of gravity. **James** replied: Gravity helps you to stay on the ground. Then I asked the children what would happen if we had little or no gravity. None of the children were sure so we watched some videos about it. The first video we watched showed a vacuum chamber. First off they dropped a bowling ball and a feather from a large height. **Zara** commented, "The bowling ball is heavy." **Ari** commented, "The bowling ball fell first because it was heavier." Then the next part showed what happened when all of the oxygen had been taken out of the vacuum chamber. Where the bowling ball and the feather fell at exactly the same rate. **Lachlan:** They both came down. **Zara:** They took all of the gravity away. After this we watched some videos about water in space. Chris Hadfield, an astronaut on the International Space Station implemented experiments with water for children. We watched a video about wringing out a wet wash cloth. **Yeel:** It's not even going on the ground. **Natty:** Water in the wash cloth and he opened it and twisted it. Hannah: The water stayed on the cloth. Then we watched a video about crying in space and what would happen to your tears. **Abigail:** It floats on your face. Then we watched a video about sleeping in space. **Ruby:** You would float.



We also look at rain. We read a book titled, 'Big Rain Coming.' Which looks at the build up of the wet season in the desert in the Northern Territory. After the book the children made some comments:

Abigail: Deserts have no rain. **Lachlan:** The cloud disappeared. **Ruby:** I have been to a desert before, Uluru. **Zara:** There can be rain at deserts. **Hannah:** I like it when there is no rain. Then I asked what would happen if we had no rain. **Evie:** Plants might die. After this we did an experiment to look at the water cycle. We used shaving cream to represent a cloud and made this cloud on top of a jar of water so it would float. Then we used a dripper and some blue food dye to slowly fill the cloud with water. Then when the cloud was full the water came through the cloud and turned into rain. Then we discussed evaporation and how the sun sucks up the water then it turns into clouds and when the clouds get full it rains. After the experiment the children made some comments: **Ari:** The grey clouds are shaving cream clouds. **Zara:** Sun evaporates water to make clouds. **James:** When ice falls its called hail. **Lachlan:** The hail comes from the clouds.

