

Y4 Aim High Homework Project



Thursday 8th February 2024

Dear Parents and carers,

As part of our explore project big question 'How does the Earth's surface change?' we would like all the children to complete an 'Aim High Homework Project' over the coming weeks.

We have worked with the children to come up with some project ideas, but the choice is entirely theirs and we look forward to seeing what they decide to create! The 'Aim High' project is all about home and school working in partnership to engage children in their learning and to share in the enjoyment of learning. Therefore, we ask that the project is led by the children but supported by you.

Please send your completed project into school by **Friday 8th MARCH 2024**, so that we can share and celebrate them with the rest of the class.

We look forward to seeing the completed projects and displaying them with a sense of pride.

Many thanks for your continued support,

The Year 4 Team



Take a series of photographs, depicting the different stages of the water cycle.

Alternatively, take photographs around your house or garden showing evaporation or condensation in action.

Mini Water World

I can explain how a model of the water cycle demonstrates the different stages.

Follow these instructions to make your own Mini Water World!



Place a layer of compost in a clear plastic cup.



Sprinkle some cress seeds onto the compost.



Pour on enough water to make the compost damp, but not soaking.



Stretch cling film over the cup to form a lid.

The children really enjoyed making and observing our mini water cycle bags, so why not have a go at creating a mini water world!

How will you report your findings? You could keep a diary, take a series of photographs, or create a daily vlog detailing the changes in your water world.

We look forward to hearing all about it!

Over the next few days, watch your Mini Water World. You should be able to see the water cycle in action!

The water from the compost will evaporate as water vapour. When it rises, it will hit the cooler cling film and condense, forming water droplets on the cling film. As these droplets grow bigger, they will get heavier, and eventually fall from the cling film back onto the compost. The cycle will then start again!



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Make a model or collage of one of the Earth's physical features e.g. mountain, river, cliff, volcano, ocean or waterfall. What media will you choose? Think eco: can you reuse or recycle something that you already have at home?