

# Stargazers Year 5

By Cardiff and Swansea



# Stargazers Launch



## Winchester Science Museum

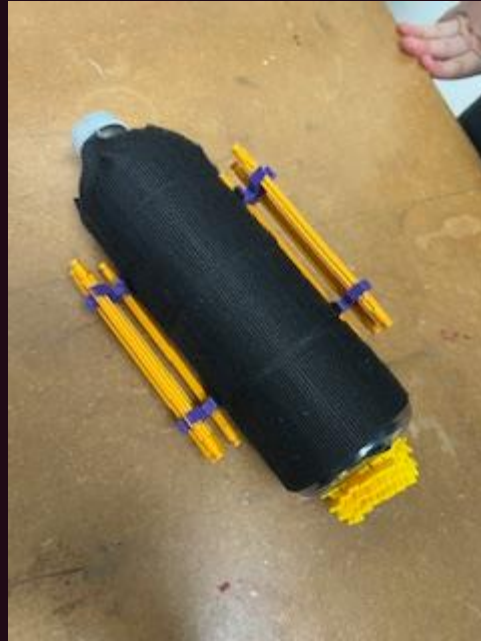


We had a fantastic day at Winchester. Part of it was spent building rockets and launching them...

# Stargazers Launch



## Winchester Science Museum



# Stargazers Launch



## Winchester Science Museum



# Stargazers Mini Launch



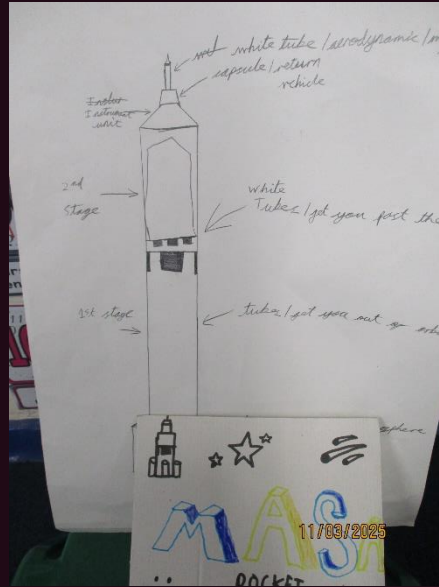
## Mission to Mars



It was our mission to design and build the vessels to help us get to Mars and explore.

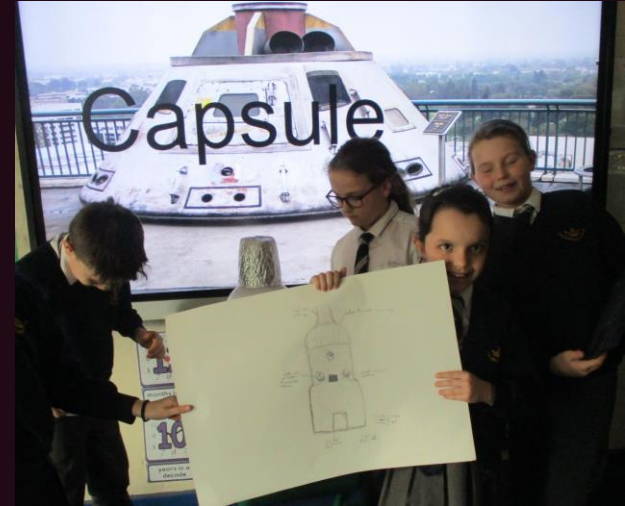
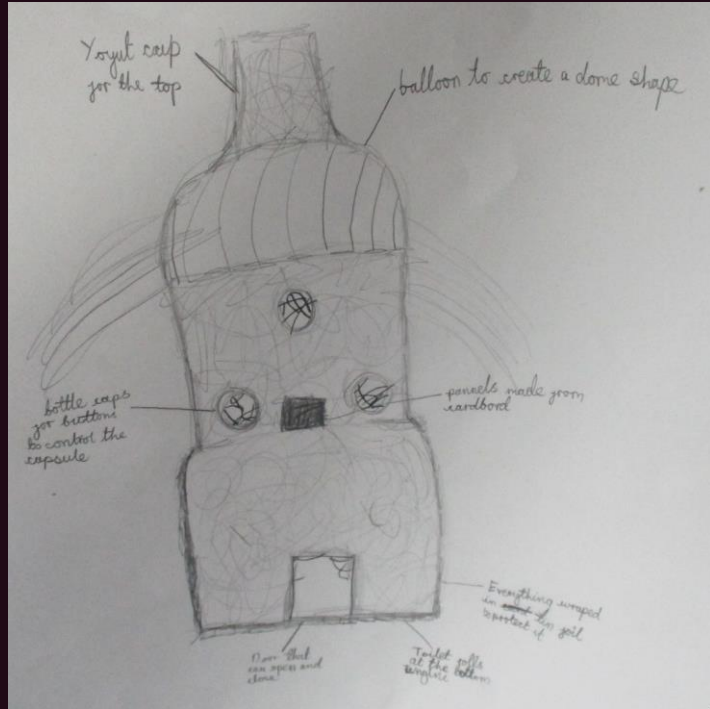
# Stargazers Mini Launch

We built rockets, the ISS, a Mars Rover and a capsule.





# Stargazers Mini Launch



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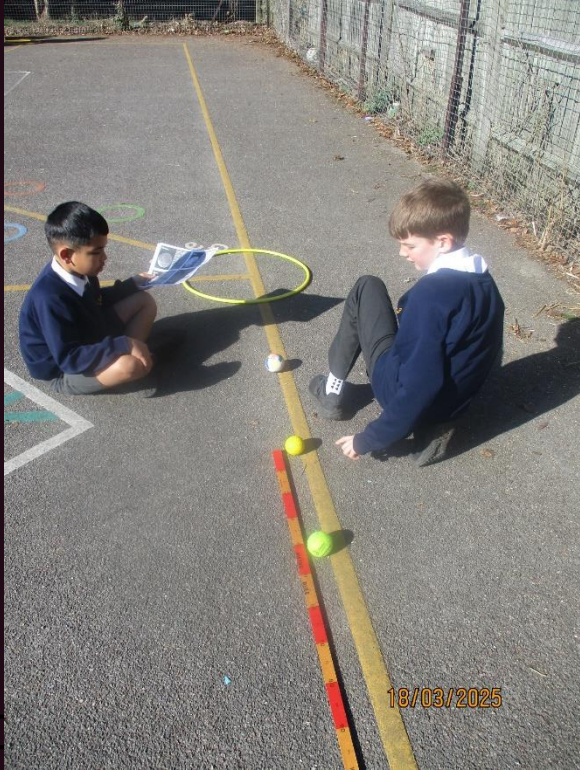


# The Solar System Size and Scale

We used a variety of different sized balls to create a scaled version of the Solar System.



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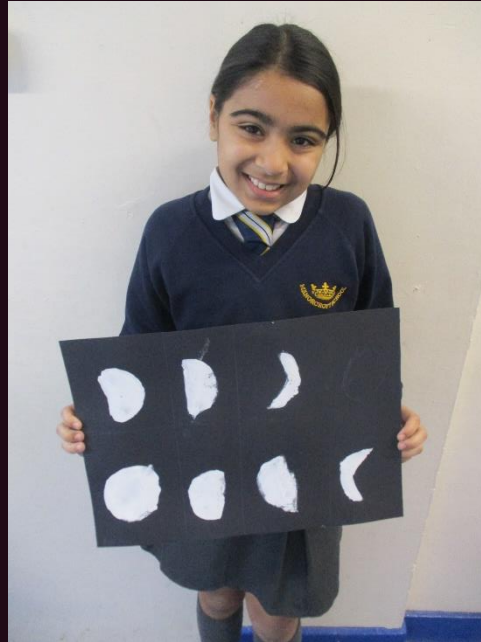
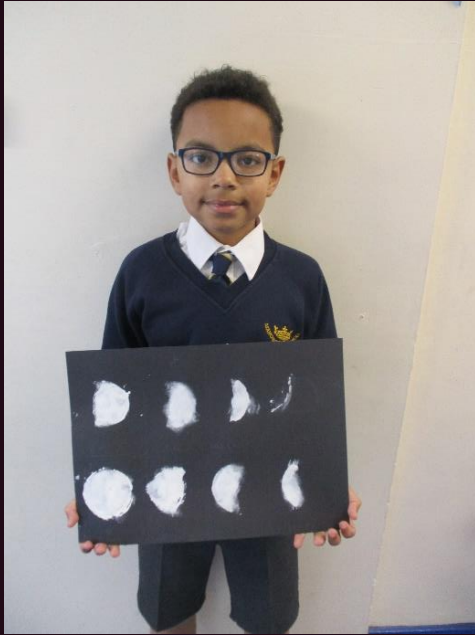
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# Phases of the Moon



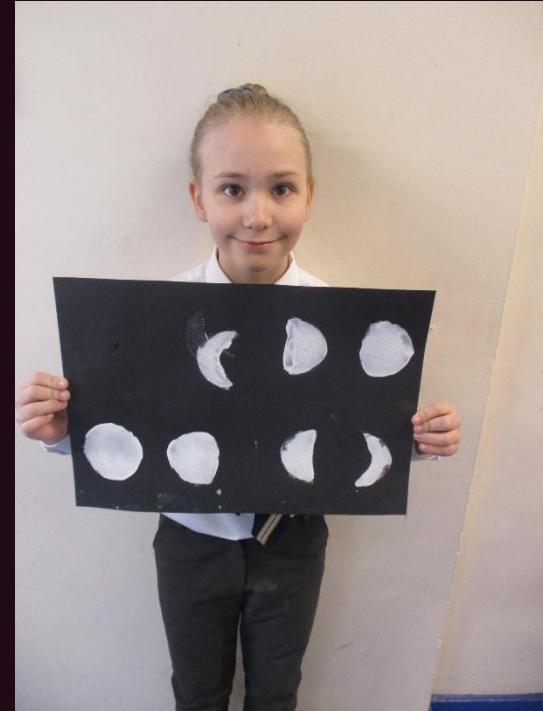
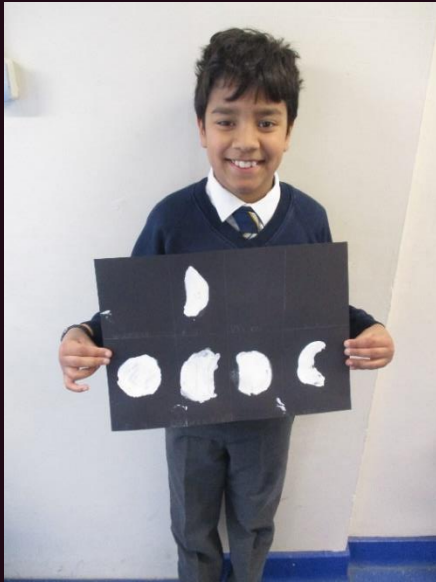
We have been learning about the 8 phases of the Moon and its cycle.



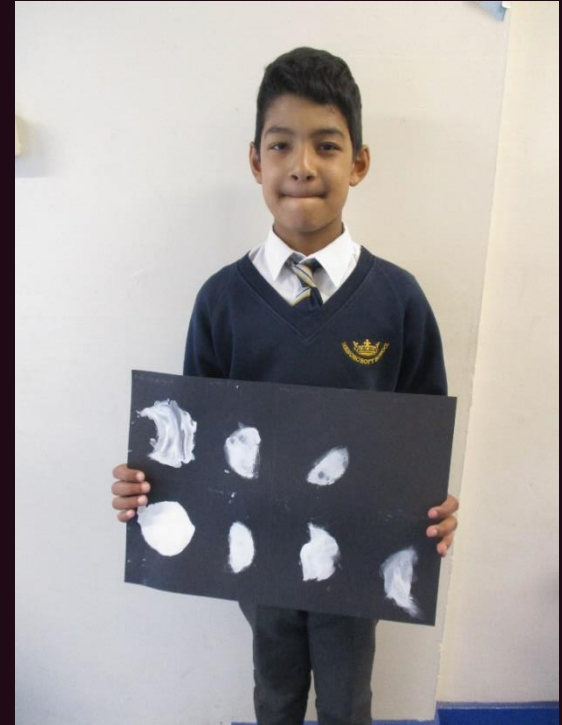
# Phases of the Moon



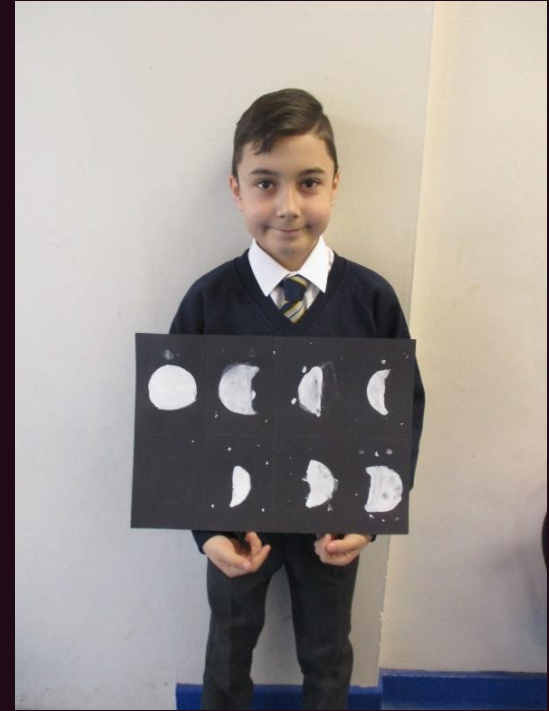
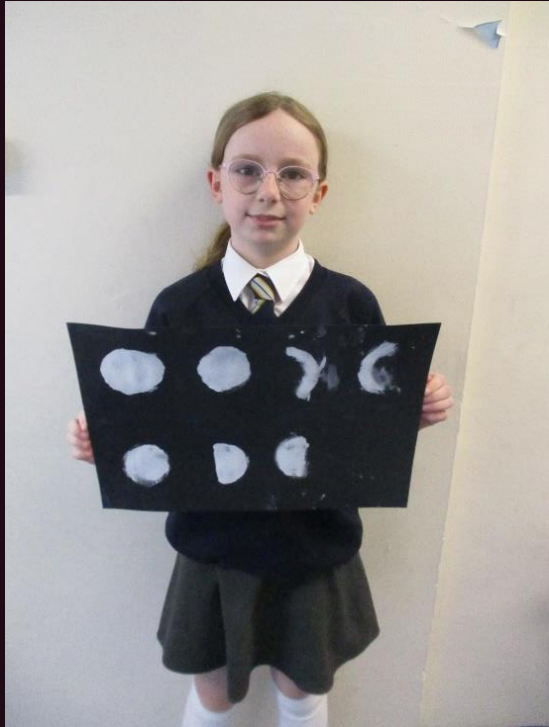
We used white paint and a sponge to print all the phases of the moon.



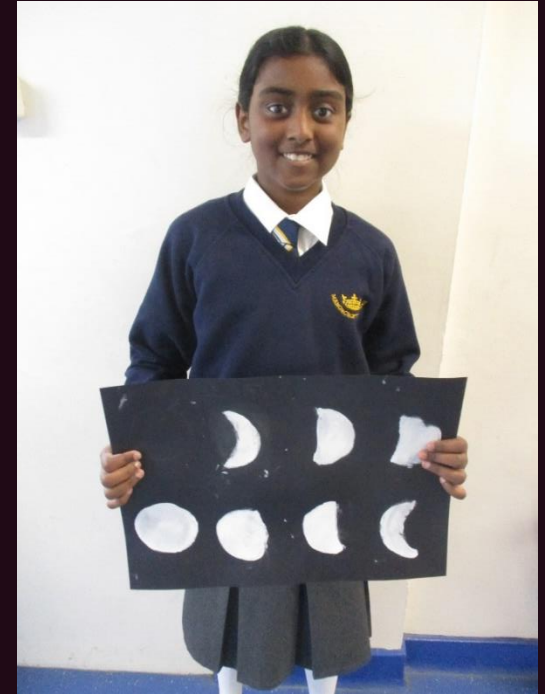
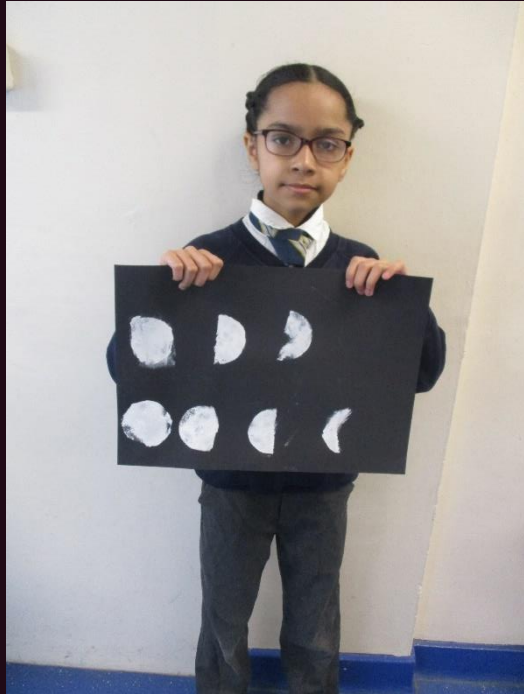
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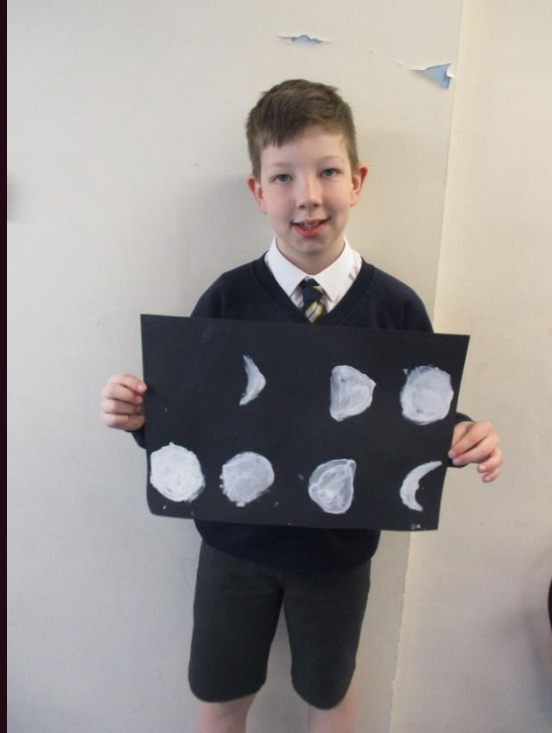
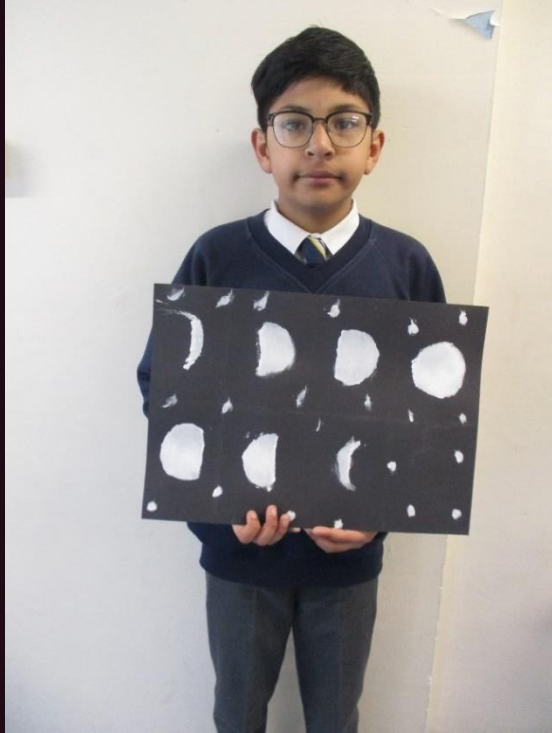
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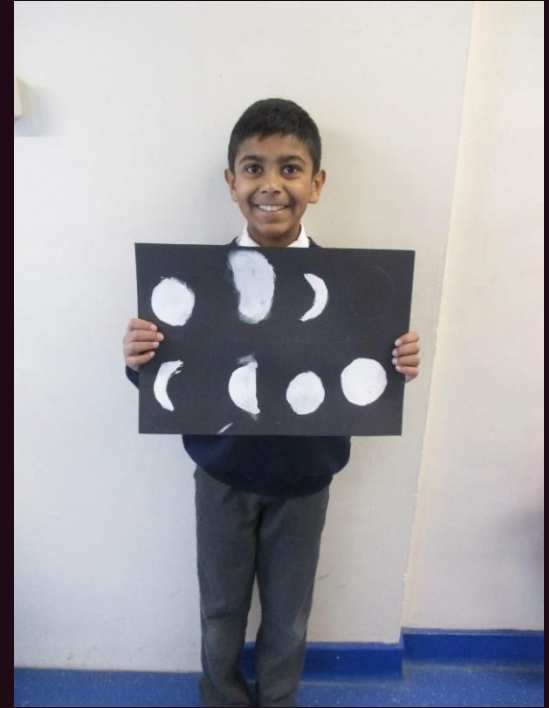
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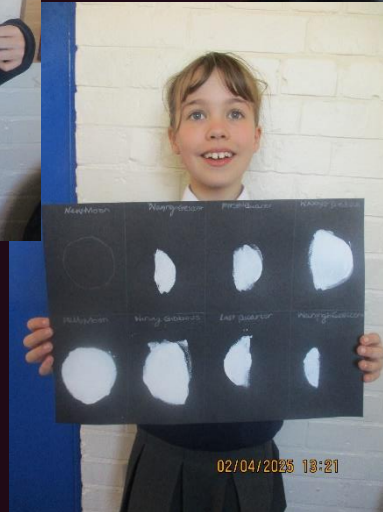
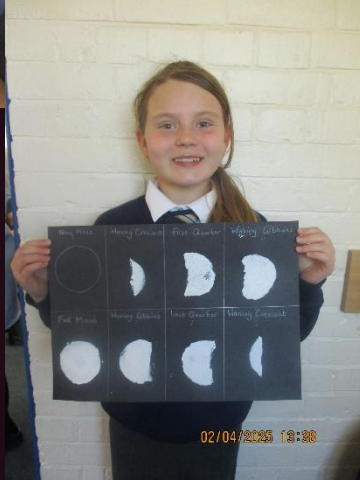
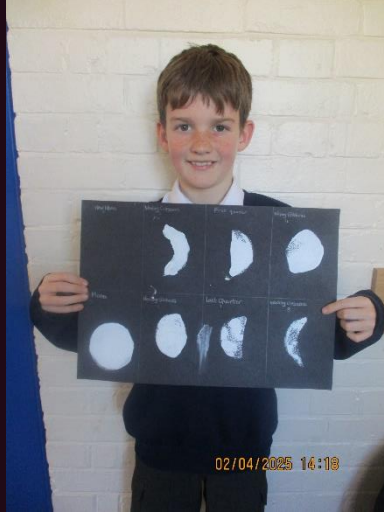
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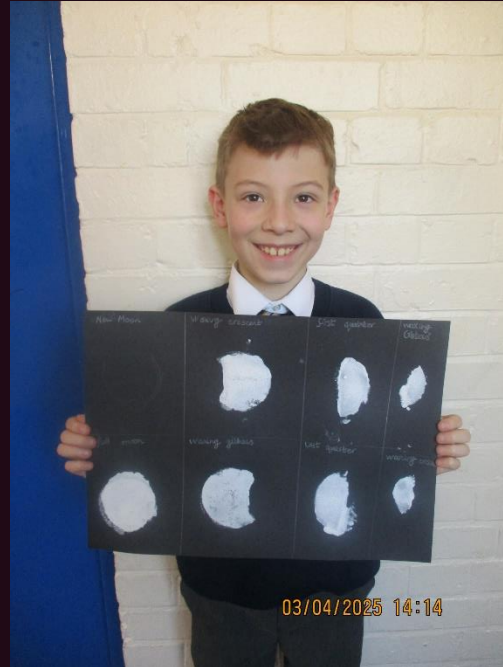
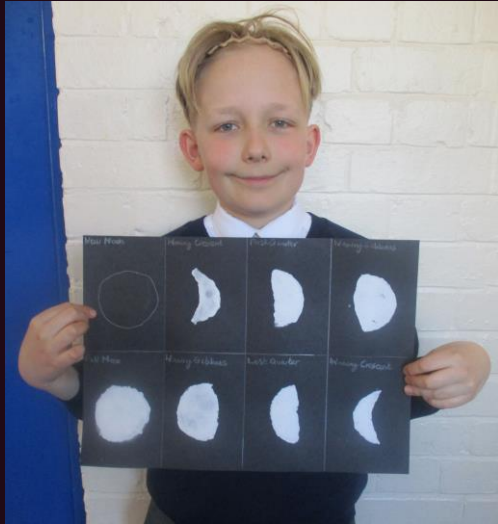


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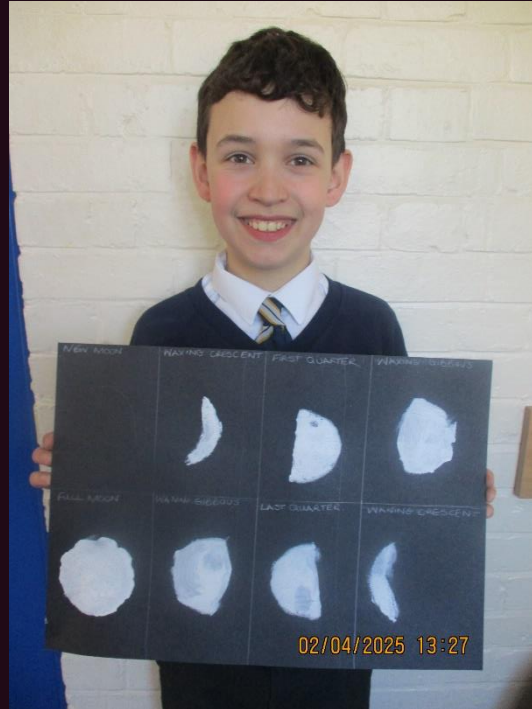


After we created our artwork, we practiced with Jaffa Cakes...just to make sure we understood! Yum!

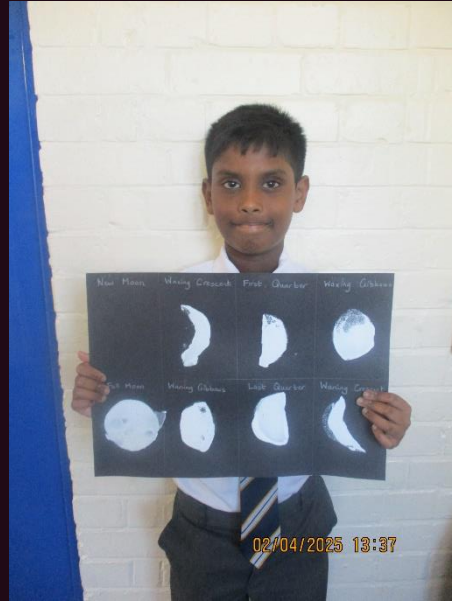
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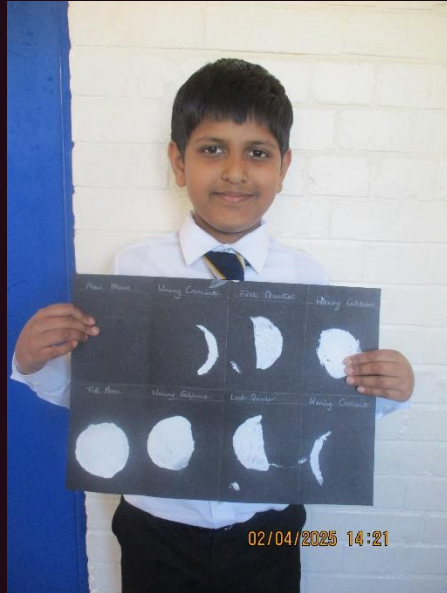
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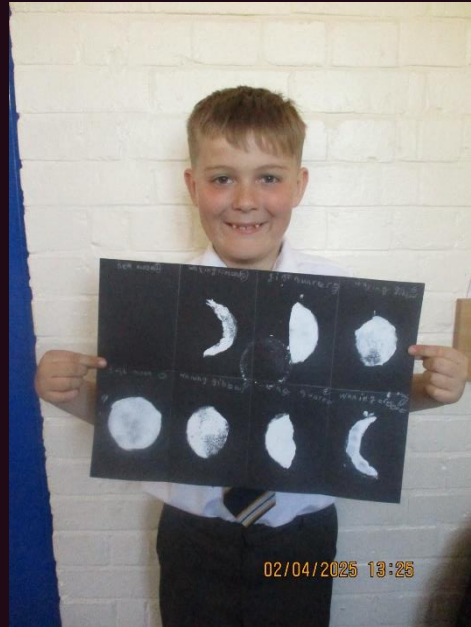
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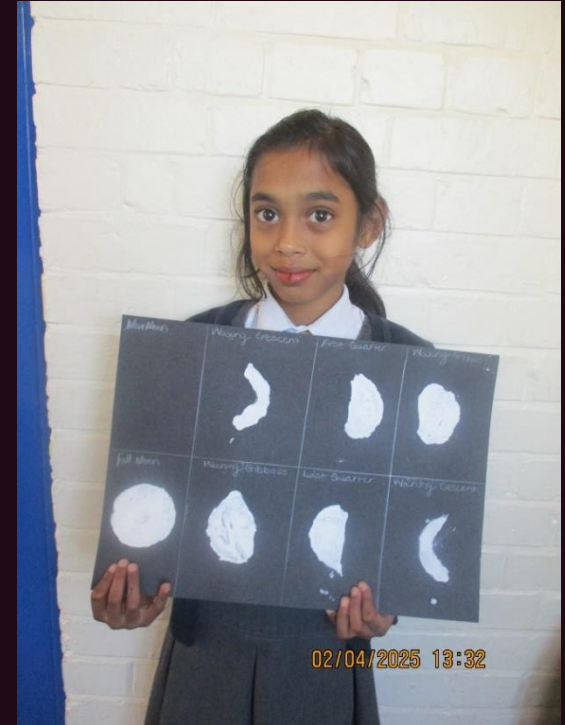
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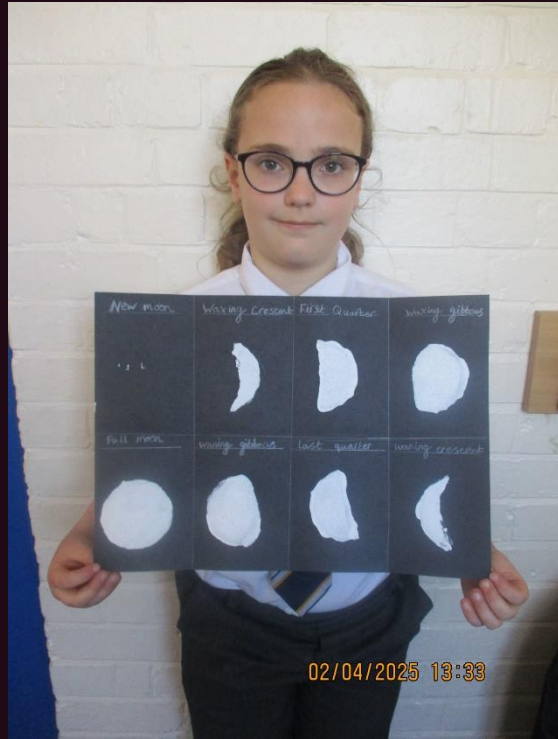
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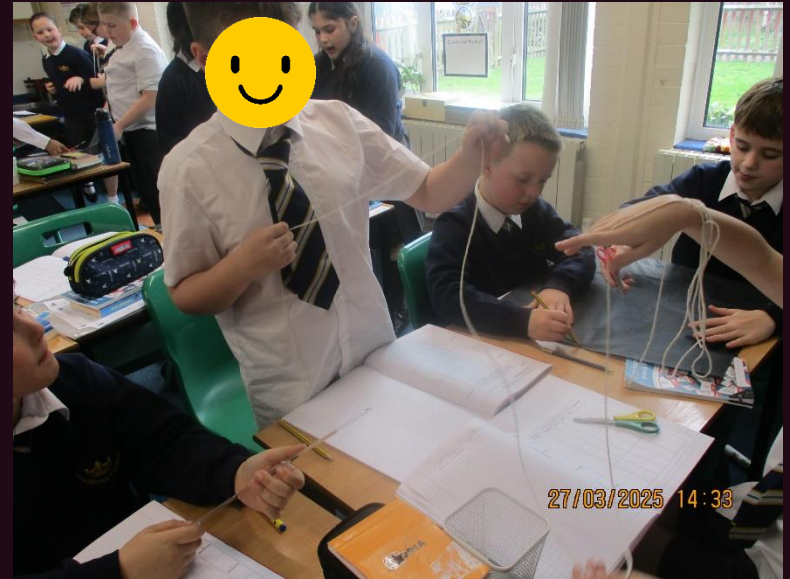
# Phases of the Moon



# Phases of the Moon



# Air Resistance Investigation



We made parachutes to investigate the effects of air resistance.

# Air Resistance Investigation



# Air Resistance Investigation



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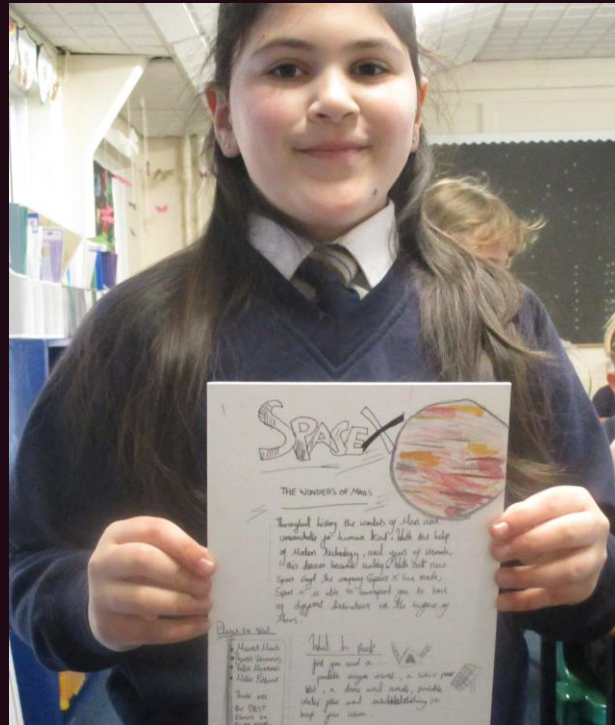
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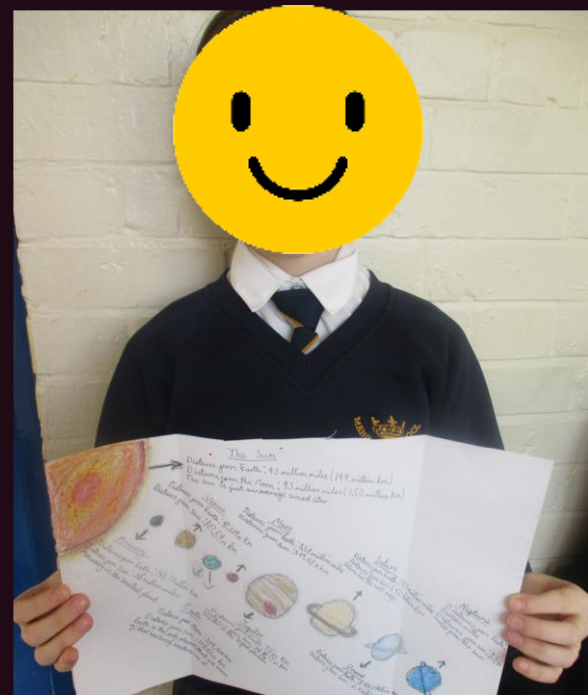
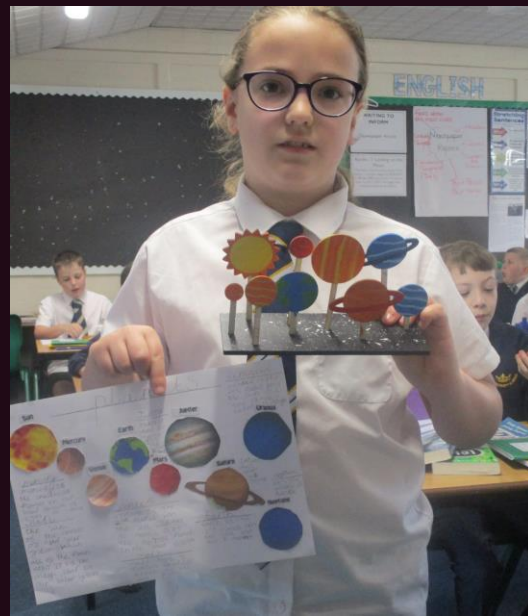
# Home Learning



Year 5 have produced some amazing pieces of home learning.



# Home Learning



Here is what some children from Cardiff Class thought of our project 'Stargazers'.



'I enjoyed the mini launch. I made the capsule' - Joy

'I loved learning about the different scientists' - Aadvik

'I loved the air resistance lesson. We made parachutes' - Eleen

'Size and scales lesson was my favourite. We learnt how far each planet was from the sun' - Kayode

'I also enjoyed the size and scale lesson. We couldn't fit Neptune in as the playground wasn't big enough!' - Hazel

'I enjoyed the mini launch where we made the Space capsule' - Hector

Here is what some children from  
Swansea Class thought of our  
project 'Stargazers'.



'I enjoyed all the experiments' - Charlie

'I liked learning about gravity' - Mila

'I enjoyed creating my poster on the Moon and the Solar System' - Michal

'I loved going to Winchester. The best part was the Planetarium' - Sara

'Winchester was amazing' - Leo

'Winchester was great. I loved trying the sign language machine' - Laura

'All the experiments. My favourite was the friction experiment with the toy cars' - Kian

A young girl in a purple dress stands in a dark, ornate room, looking towards a large, intricately carved wooden door. The room features dark wood paneling and a high, vaulted ceiling. The lighting is dramatic, with a strong light source from the left, possibly a window, casting long shadows and highlighting the textures of the wood and the girl's dress. The overall atmosphere is mysterious and historical.

**We have added some bonus slides  
about our drama production with Royal  
Holloway.**

A young girl with blonde hair, wearing a purple dress and white tights, stands in a grand, dimly lit room. She is looking towards a large, ornate wooden doorway. The room features dark wood paneling, a high ceiling with exposed beams, and a large window on the left. A pile of fabric or a rug is on the floor near the doorway. The text is overlaid in white, bold font.

**Year 5 spent four fantastic Fridays during this half term with the students from Royal Holloway. In the fifth week, we were invited to join them in a small production. Each class (and their students) acted out some of the scenes from the book.**





Thank you for viewing our  
presentation.

