

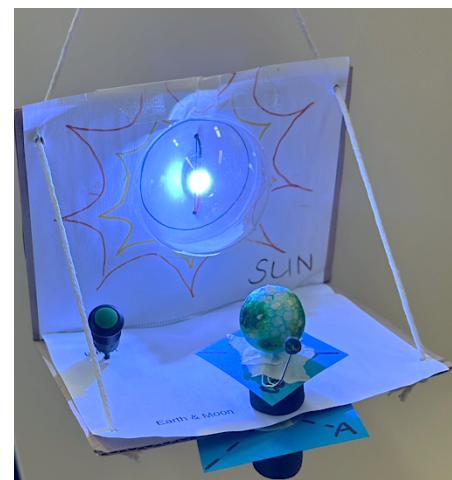


# Parent/Guardians Information Sheet

Dear Parents/Guardians,

We are so glad to have your child participating for another year! This information sheet provides a summary of the workshop and instructions for further exploration. If you'd like, you can continue STEM learning at home with your child.

In **Workshop 1**, we explored how light travels, and the motions of celestial bodies explain the moon phases. First, by shining a laser through clean water, we observed light traveling in straight lines in a clear medium. This helps them understand how sunlight reaches Earth and creates shadows. Then we made simple Sun–Earth–Moon models using everyday materials to visualize the movements in 3D. Finally, working in team, we discovered why the Moon appears in different shapes throughout the month with the models.



We encourage you to support your child as they explore and learn more about STEM at home. Thank you for being part of this exciting journey! If you have any feedback or need any support, please feel free to email/WhatsApp us.

Kind regards,

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You're very welcome to share ideas or give feedback via email, or by commenting under the workshop blogs on our website:

[www.tryfive.ie](http://www.tryfive.ie)



An Roinn Oideachais  
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## Sun – Earth - Moon

### What did we learn?

Number	Shape	Name of the moon phase
1		New Moon
2		Waxing Crescent
3		First Quarter
4		Waxing Gibbous
5		Full Moon
6		Waning Gibbous
7		Last Quarter
8		Waning Crescent

### Satellite ID Card




Name : The Moon

Shape & Size :

Surface :

Movement & Light :




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### The moon

Hi, I'm the moon.

**Fun Fact About Me**



### Activity to do at home:

- Research on the fun facts about the moon: painting, poems, stories...
- Upgrade the model: add a space station that runs around the earth/moon!
- Ask questions about Sun-Earth-Moon, and research on them:
  - The movement of earth:
    - Why do we have day and night?
    - Why do we have seasons?
  - How will the day and night be like in the lunar space station?
    - How many times of sunrise and sunset will they see in 24 hours?
    - How will the light affect the astronauts?
    - How can we help them stay in health?
  - .....