



Seaside School

Science Investigators

Optional Science Home Learning

- * Miss Gorgi and Mr Ayling are asking for your help. We would like you to try some of our science investigations at home, and then tell us about your findings.
- * We are going to release one new investigation each half term throughout the year.
- * Once you have tried out the investigation tell us about it. You could create a poster, make a short video or PowerPoint about what you have found out.
- * Any one who participates will get a **Seaside School Science Investigator** certificate and have their learning placed on our Science Shack display board in school.

Seaside School Science Investigators

Autumn 2 Investigation



Staring into space

We want you to look up into the sky on a clear night. What do you see? Can you see any planets? Why does it get dark so early this time of year?

Hand in or email by: Friday 10th January

If you have them available:

- Binoculars—to view the moon.
- Stellarium App – android or ios. Free version. To help you find the stars.

P.s. Your eyes need time to adjust to the dark, stargazers are encouraged to look at the sky for at least 30 minutes.

We would like you to investigate the night sky. **Things to look out for:**

1. Full moon on the 15th of December. Also look on the 8th, 15th and 22nd. How does the moon change?
2. 21st of December is the shortest day. What does this mean?
3. Both Jupiter and Mars will be really clear to see throughout the month.
4. The Geminid meteor shower is expected to be very clear on December 14th and 15th.
5. You may be able to see some shooting stars!

