

## Remote Learning Tasks

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| <b>Subject</b>    | Science |
| <b>Year group</b> | 7, 8, 9 |

### Tasks

1. Use the internet to make a list of different objects which can be found in our solar system. For each object, give a brief description and include an interesting fact. Look for planets, exoplanets, star(s) and asteroid belts. These websites can help get you started <https://bit.ly/35nNgN8> and <https://go.nasa.gov/35qGS7Q>
2. For each planet in our solar system, find:
  - the distance from the Sun,
  - the mass,
  - the time to orbit the sun,
  - the length of a day,
  - and three fun facts
3. Watch this video [LINK](#). Write an explanation of why the Moon doesn't crash into the Earth. You should include diagrams.
4. Use this video [LINK](#) to explain why we have different seasons on Earth. This could be written, using diagrams, a video or an animation.

### Support and submission details

For support email [science@manor.school](mailto:science@manor.school)

Submit your work by uploading it to your class Teams or by emailing it directly to your teacher. Do not submit work to the [science@manor.school](mailto:science@manor.school) email address.

Checklist of work to submit:

- List of object in our solar system, each with brief description and an interesting fact.
- Information about each planet in solar system (see above for list)
- Explanation of why the Moon doesn't crash into the Earth
- Explanation of why we have seasons.

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