



## Extension activity

# Diane Landry *Celestial Mechanics*

Duration: 20 min

Objective: Think about how time is perceived differently depending on our perspectives



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## Think about these various things.

- A flower seed
- A human (you, for example!)
- A plastic bottle
- A mountain

**Can you imagine what each of them will look like one week from now? What about a year from now? Ten years? One thousand year?**

Write your answers on the chart or draw them on a sheet of paper.

|                | One week | One year | Ten years | One thousand year |
|----------------|----------|----------|-----------|-------------------|
| Flower seed    |          |          |           |                   |
| Human          |          |          |           |                   |
| Plastic bottle |          |          |           |                   |
| Mountain       |          |          |           |                   |

As you can see, you will probably have changed a lot in ten years, unlike the mountain, which will look much the same for thousands of years to come! As for the plastic bottle, it can take up to a thousand years to decompose completely.

We don't perceive time the same way when considering the scale of a human being's existence, that of a plant or that of a mountain. It's all a matter of perspective!





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Even as humans, our perception of time changes depending on what we're doing—and how much we like what it is that we're doing!

In your day-to-day life, when does it seem to you that time is passing quickly? When does it seem that it's passing slowly?

→ Time passes quickly when...

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→ Time passes slowly when...

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