



Wondernauts in Space

Wondering About the Skies Above Us

Happy Birthday from Hubble

Recommended for: Ages 9 and up



[Hubble](#), the observatory, is the first major optical telescope to be placed in space, the ultimate mountaintop. Above the distortion of the atmosphere, far above rain clouds and light pollution, Hubble has an unobstructed view of the universe. Scientists have used Hubble to observe the most distant stars and galaxies as well as the planets in our solar system.

In this activity you will learn about the Hubble Space Telescope, what photo the Hubble took on your birthday and create a birthday card for a friend or relative with their Hubble picture.

You will Need

- Robust internet access
- Access to these two websites:
https://www.nasa.gov/mission_pages/hubble/about
<https://www.nasa.gov/content/goddard/what-did-hubble-see-on-your-birthday>

- Colored paper big enough to make a card
- Colored pencils
- Access to a printer (optional)

(2) Wonder

- How did the Hubble Space Telescope come to be?
- What are some of the discoveries the Hubble has made?
- Can I see the Hubble from earth?

(3) Watch and Read

Watch this [video](#) to learn about the Hubble. Be inspired by the Hubble's [glimpses of the universe](#).

(4) Find

Use this website to find a photo that the Hubble took on your birthday:

<https://www.nasa.gov/content/goddard/what-did-hubble-see-on-your-birthday>

(5) Make

Create a birthday card for a friend or relative. Either print out a birthday picture and attach it to your card or draw a picture of what the Hubble photographed on your chosen day. Be sure to put an explanation of the picture on the card!

(6) Wonder

What is it like inside the area in your birthday photograph?

(7) Write

Write a short story or Journal entry about visiting the area in your photograph .

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JEWS IN SPACE

MEMBERS OF THE TRIBE IN ORBIT

Wondernauts.org

Want to complete this task towards collecting a Wondernaut badge? Share with us:

- The birthday card that you made your friend or relative
- Your creative short story about visiting the area in your birthday photograph