My NASA Data - Interactive Models

What Elements are in Your Body?

Grade Band

- 6-8
- 9-12

Time

- 50 minutes

Directions

Remember to never look directly at the Sun without proper safety equipment.

Use the slide deck to complete the activity.

1. Open the "What Elements are in Your Body?" Interactive Slide Deck.
2. Use the slides in edit mode in order to manipulate the slides.

Teacher Note

Teachers who are interested in receiving the answer key, please complete the Teacher Key Request and Verification Form. We verify that requestors are teachers prior to sending access to the answer keys as we've had many students try to pass as teachers to gain access.

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NGSS Three Dimensional Learning

NGSS Disciplinary Core Ideas

- PS1A: Structure and Properties of Matter
- PS1C: Nuclear Processes
- ESS1A: The Universe and its Stars
- ESS1B: Earth and the Solar System
- ESS2A: Earth Materials and Systems

Crosscutting Concepts

- Scale, Proportion, and Quantity
- Systems and System Models

Science and Engineering Practices

- Developing and Using Models

Learning Objectives

- Students be able to identify the key elements in their bodies created in stars.
- Students will be able to describe how massive stars create the elements that make up the universe and life itself.

Essential Questions

1. How do stars create the elements that make up the universe and life itself?
2. How is the periodic table a map of the history of our universe?

Google Slide interactive Files

What Elements are in Your Body? Slides