National Aeronautics and Space Administration

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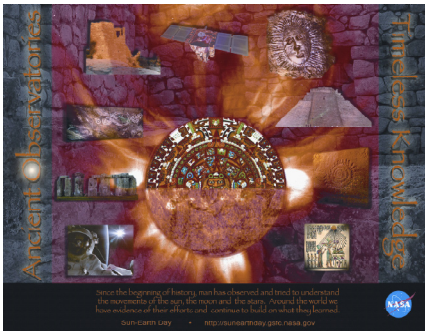
Public Outreach:
Make and Take Activities

Find the Differences

About this Activity



Read a poster about how different ancient cultures observed the Sun, and then use your own observational power to find the differences between the original poster and a version with ten small changes.

Left: The original "Ancient Observatories, Timeless Knowledge" poster.

Teachers can do this activity in the classroom with their students in teams of two.

What You'll Need

- copies of "Ancient Observatories, Timeless Knowledge" poster: original, changed version, original with text, and answer key (see next pages)
- crayons or markers
- (optional) lamination or sheet protectors
- (optional) transparency pens
- (optional) wet-erase board cleaner or other hard surface cleaner

Preparation

Print out enough copies of the original poster, the changed version, and the original with text for your participants, and one copy of the answer key for the volunteer.

Optional: Print out only a few copies of the original poster, the changed version, and the original poster with text and laminate them or place them in sheet protectors to make them reusable and sturdier. Participants can circle the differences in transparency pens, and the volunteer can wipe them clean when the participant is done.

To Do and Notice

1) Have the participants read the poster with text.

2) When they are ready for the challenge, hand them the original poster (without text) and the changed version and ask them to circle the differences between the two. You can offer a prize to the fastest, or time them on how long they take to find all ten differences.

3) Verify their circled differences with the answer key.

Activity Notes

This activity is adapted from Solar and Heliospheric Observatory (SOHO) Classroom "Find the Differences" Activity. See link below for the classroom activity.

Related Websites

SOHO Classroom: Our Star the Sun Information and Activities.

http://soho.nascom.nasa.gov/classroom/

Ancient Observatories, Timeless Knowledge: Original Poster with Text

Ancient Observatories, Timeless Knowledge: Original Poster with Text Removed

Ancient Observatories, Timeless Knowledge: Original Poster with Changes

Answer Key with Ten Differences Circled