Modeling Changes over Time

Directions:

- Place pictures on a bulletin board or along a chalk tray where all students can see them.
- Ask students if they know any of these people or their birthdates.
- Ask students if they would be able to put the people in order from youngest to oldest even without knowing them or their birthdates.
- Have them use the letters and record their answers.
- Ask students to list the criteria that helped them determine the relative ages of the people. (size of body, hair color, lack of hair, wrinkles, wears glasses, ability to walk, talk, etc.)
- Check for student agreement on the correct age order. Ask students to justify their order using evidence from the picture.
- Generalization: people change during their lifetimes, it may take months or years for some changes to be noticeable.
- Show students pictures of landforms or use the Landforms Photo Show. Use some that have been weathered by wind or water.
- Ask students if any of these landforms have undergone changes and how long the changes may have taken.
- Ask for evidence that would indicate changes (rocks tilted at an angle, holes, ridges, or lines, etc.)
- Generalization: earth materials also change over time, it may take MANY years for some changes to be noticeable.
There are only 10 types of people in the world: Those who understand binary and those who don’t.
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