

Views of Nature of Science Elementary School Version (VNOS-E)

Name: _____

Grade Level: _____

Date: _____

Instructions

- Please answer each of the following questions. You can use all the space provided and the backs of the pages to answer a question.
- Some questions have more than one part. Please make sure you put answers for each part.
- This is not a test and will not be graded. There are no "right" or "wrong" answers to the following questions. I am only interested in your ideas relating to the following questions.
- If you need, you can draw pictures to explain your ideas.

1. What is science?

2. (a) What are some of the other subjects you are learning?

(b) How is science different from these other subjects?

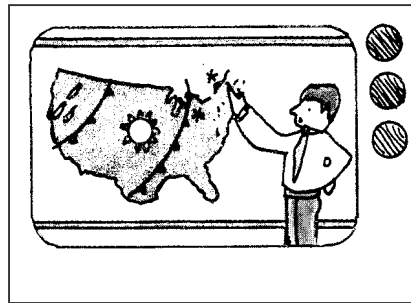
3. Scientists are always trying to learn more about our world.
Do you think what scientists know will change in the future?

4. (a) How do scientists know that dinosaurs once lived on the earth?

(b) How sure are scientists about the way dinosaurs looked?
Why?

5. A long time ago all the dinosaurs died. Scientists have different ideas about why and how they died. If scientists all have the same facts about dinosaurs, then why do you think they disagree about this?

6. TV weather people show pictures of how they think the weather will be for the next day. They use lots of scientific facts to help them make these pictures.



How sure do you think the weather people are about these pictures? Why?

7. (a) Do you think scientists use their imaginations when they do their work?

Yes

No

(b) If **No**, explain why?

(c) If **Yes**, then when do you think they use their imaginations?