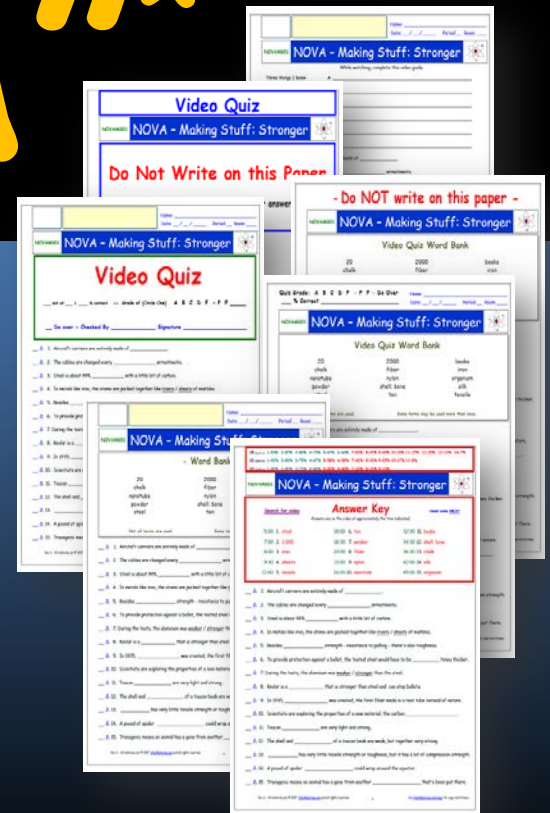


# Japan's Killer Quake

Worksheets, Video Guides and Quizzes for

"PBS-NOVA"\*

*Differentiated*  
Video Guides Quizzes  
and Answers



NOTE: Download is subject to terms and conditions listed [here](#).

\* Names used for reference only – not affiliated.



Name: \_\_\_\_\_

Date: \_\_\_ / \_\_\_ / \_\_\_    Period \_\_\_ Room \_\_\_

**NOVA**  
**3816**

# Japan's Killer Quake



While watching, complete this video guide.

Three things I knew  
that were confirmed in  
the video:

A- \_\_\_\_\_

B- \_\_\_\_\_

C- \_\_\_\_\_

Three things I didn't know  
but I now know because I  
watched the video.

A- \_\_\_\_\_

B- \_\_\_\_\_

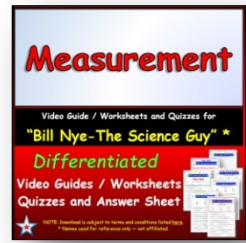
C- \_\_\_\_\_

- \_\_\_  1. A massive \_\_\_\_\_ struck Japan on March 11th, 2011.
- \_\_\_  2. Destructive waves called S / E waves first hit Sendai.
- \_\_\_  3. S waves are what make earthquakes so \_\_\_\_\_ .
- \_\_\_  4. In the history of Japan, there has never been an earthquake larger than \_\_\_\_\_.
- \_\_\_  5. The Earth's \_\_\_\_\_ is made up of several continent sized slabs of rock, tectonic plates.
- \_\_\_  6. Japan is on the European / Eurasian plate. It compresses and buckles as the Pacific plate drives underneath it, snagging and catching as it goes.
- \_\_\_  7. Tokyo had a \_\_\_\_\_ second warning of the earthquake.
- \_\_\_  8. The earthquake lasted an unrepresented \_\_\_\_\_ minutes.
- \_\_\_  9. As the ground compresses, liquefied \_\_\_\_\_ pumps to the surface.
- \_\_\_  10. When the earthquake occurred, it made a tsunami, huge \_\_\_\_\_ that traveled to Japan at great speeds.
- \_\_\_  11. Cliffs, bays and inlets along the shoreline help determine how a \_\_\_\_\_ behaves.
- \_\_\_  12. Readings from deep ocean \_\_\_\_\_ suggest how high tsunami waves could be.
- \_\_\_  13. Over five thousand miles from the quake, the now smaller and weaker tsunami hit \_\_\_\_\_.
- \_\_\_  14. In the week that followed the main quake, there was over \_\_\_\_\_ aftershocks.
- \_\_\_  15. Stretching from Vancouver Island to northern California is Cascadia / Cicada, a volatile fault line.

# Video Guide / Worksheet / Quiz



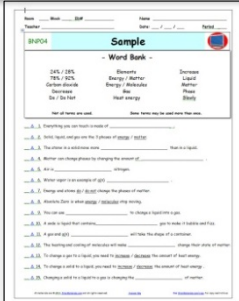
Click [HERE](#) for a FREE SAMPLE of the Video Guides, Worksheets and Quizzes.



Word Bank Version

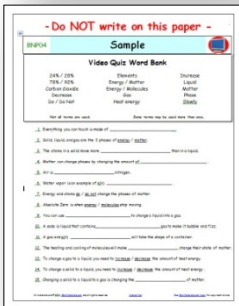
Easily Differentiated. The Questions are Identical.

Fill in the Blank Version



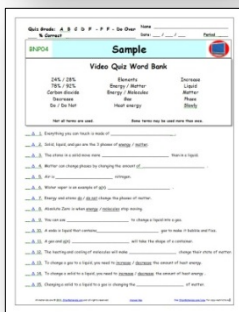
**Video Guide** 15 questions with the same "Look and Feel"- fill in the blank or forced decision so that students can keep up with the video.

- Word Bank for suggested answers.
- Students can fill them out before viewing and then correct the information while watching the video.
- Next to the question numbers there are triangles ( $\Delta$ ) that teachers may fill in indicating which questions are to be answered. This accommodation will limit the requirements for younger or special needs students.



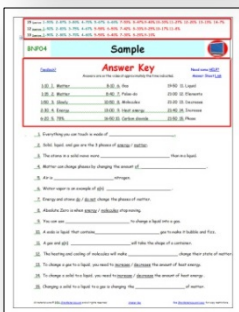
**Reusable Quiz** Print this on colored paper to reuse each year Next to the question numbers there are triangles ( $\Delta$ ) that teachers can choose indicating which questions are to be answered.

- Use as many questions as you wish 10, 12, 15.
- Ideal for 'clicker' response systems.
- Every quiz has the same "Look and Feel"
- Free Quiz answer sheet at: <http://www.StarMaterials.com/Documents/>



**Individual Quiz** Next to the question numbers, there are triangles ( $\Delta$ ) that teachers can use indicating which questions are to be answered.

- When marking, have checkers put a "C" for correct and "X" for wrong in blanks next to the triangles ( $\Delta$ ) then count the "C"s for grade.
- Different classes can take different quizzes.
- Repeat or do-over quizzes can have different questions.
- Every quiz has the same "Look and Feel"
- Have students use ID Numbers only. Have them cross correct before returning the quiz to owner for names.



**Answer Key** The answer box lists suggested answers.

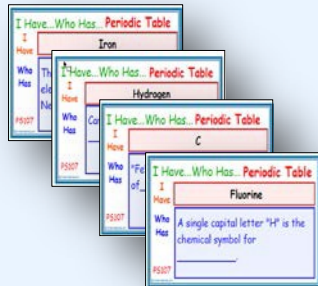
- Next to the answers are the times the material was presented in the video.
- Correct answer percentages are shown in the included table for a 10, 12, or 15 question quiz.
- Print the answer key on colored paper to find it quickly.
- A handy grading percentage key is provided at the top for easy grading.



Free Quiz Answer Sheet

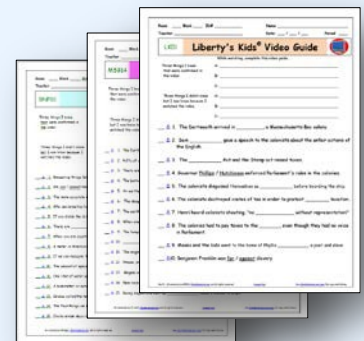
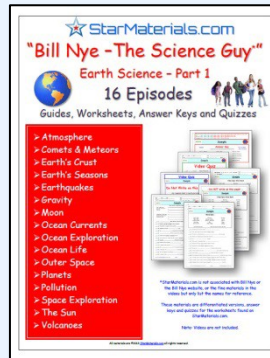
# Click on other Helpful Products from StarMaterials

## Free I Have, Who Has...



30 Questions and answers on 30 different cards.  
Many different content areas taught.

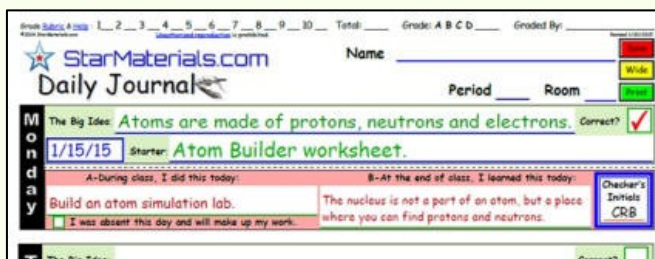
## Free Video Reviews



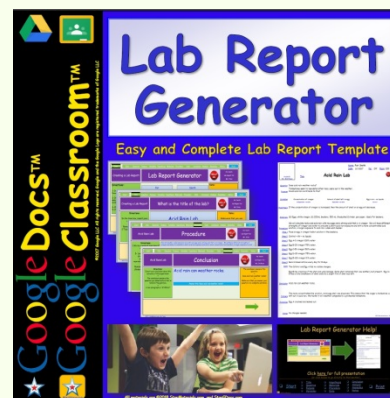
"Bill Nye - The Science Guy", "Magic School Bus",  
"The Eyes of Nye", "Liberty's Kids" and more.

# Interactive Products from StarMaterials

## Free I-Journals\*

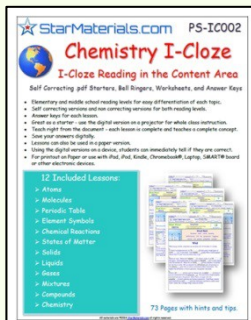


Writing in the Content Area (.pdf)  
Interactive journal worksheets.



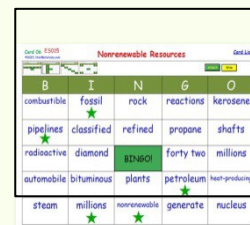
Google Doc™ Version  
Step through to a one page printout.

## Free I-Cloze\* Readings



Reading in the Content Area (.pdf)  
Interactive worksheets that are self-correcting.

## Free I-BINGO\* Review



Great concept introduction or review (.pdf)  
30 Interactive BINGO Cards.

\*Interactive lessons for printout on Paper or use with Google Docs™, iPad™, Kindle™, Chromebook™, Laptop, SMART™ board or other devices.