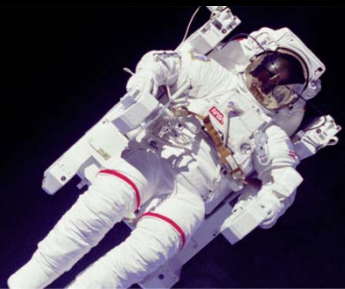


Earth Science

Worksheets, Video Guides and Quizzes for

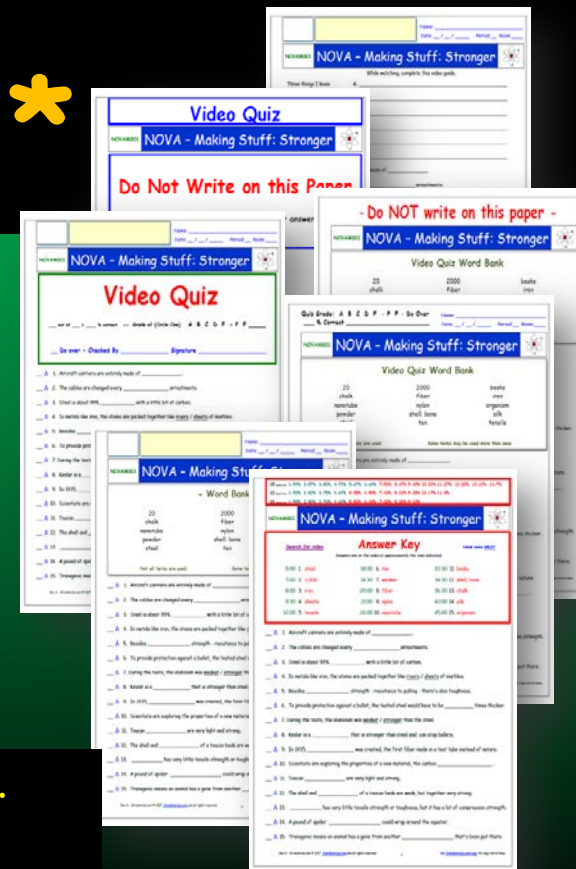
"Greatest Discoveries

With Bill Nye" *



Differentiated

Video Guides, Quizzes
and Answer Sheet



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

* Names used for reference only — not affiliated.



Name: _____

Date: ___ / ___ / _____ Period ___ Room ___

BNGD*
04

Earth Science



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- _____

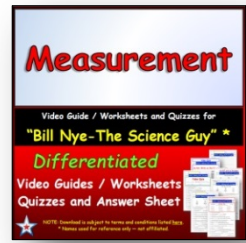
C- _____

- ___ Δ 1. At the _____ of the earth, the temperature is 13,000 degrees Fahrenheit, hotter than the surface of the sun.
- ___ Δ 2. On May 18, 1980, Mt. Saint Helens _____ with a force 500 times greater than the atomic bomb on Hiroshima.
- ___ Δ 3. A seismograph is used to measure _____.
- ___ Δ 4. The layers in the earth are characterized by changes in the _____ density.
- ___ Δ 5. The core of the earth is made of solid _____.
- ___ Δ 6. Alfred Wegner realized that all the continents in the world once belonged to a large single land mass, which he called Gondwana / Pangea .
- ___ Δ 7. Wegner called his theory "Continental _____ ."
- ___ Δ 8. The process that recycles the crust of the spreading ocean floor is called retraction / subduction .
- ___ Δ 9. The troposphere is where _____ form.
- ___ Δ 10. Cosmic radiation is electrically charged atomic particles that radiate from _____ .
- ___ Δ 11. Lava from a volcano contains _____ from deep inside the earth.
- ___ Δ 12. Every 40,000 years or so, the angle of the earth's _____ tilts slightly, affecting where the sun's energy reaches the earth.
- ___ Δ 13. Over the past 100 years, Earth's surface temperature increased / decreased by one degree Fahrenheit.
- ___ Δ 14. The greatest _____ to the earth are the result of geological processes, like wind and water erosion.
- ___ Δ 15. Scientists can determine the age of rocks using radiometric / geological dating.

Video Guide / Worksheet / Quiz



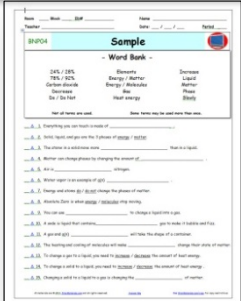
Click [HERE](#) for a FREE SAMPLE of the Video Guides, Worksheets and Quizzes.



Word Bank Version

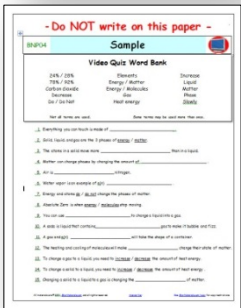
Easily Differentiated. The Questions are Identical.

Fill in the Blank Version



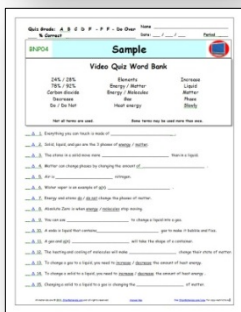
Video Guide 15 questions with the same "Look and Feel"- fill in the blank or forced decision so that students can keep up with the video.

- 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 (Δ) that teachers may fill in indicating which questions are to be answered. This accommodation will limit the requirements for younger or special needs students.



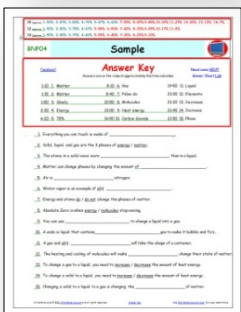
Reusable Quiz Print this on colored paper to reuse each year Next to the question numbers there are triangles (Δ) that teachers can choose indicating which questions are to be answered.

- 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 (Δ) 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 (Δ) 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.

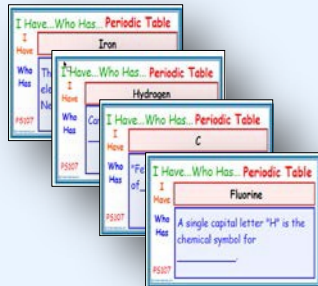
- Next to the answers are the times the material was presented in the video.
- Correct answer percentages are shown in the included table for a 10, 12, or 15 question quiz.
- Print the answer key on colored paper to find it quickly.
- A handy grading percentage key is provided at the top for easy grading.



Free Quiz Answer Sheet

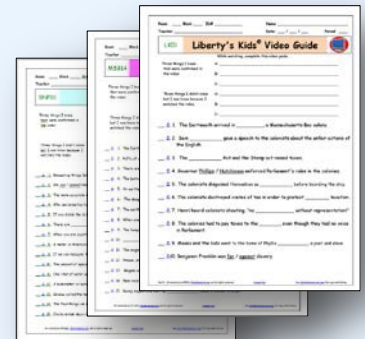
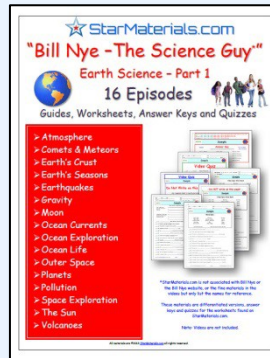
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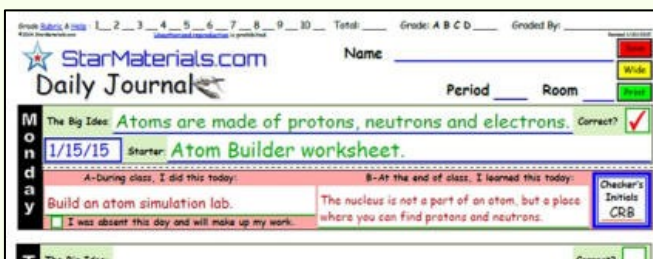
Free Video Reviews



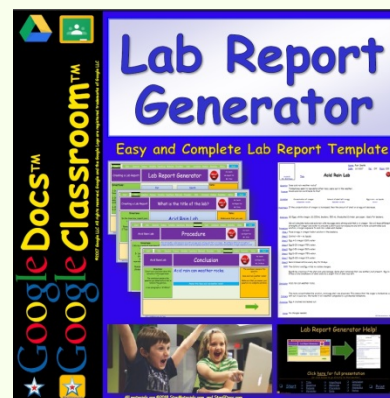
"Bill Nye - The Science Guy", "Magic School Bus",
"The Eyes of Nye", "Liberty's Kids" and more.

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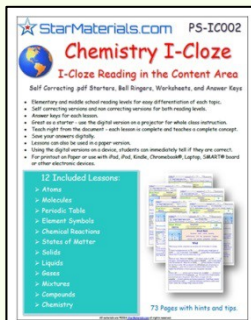


Writing in the Content Area (.pdf)
Interactive journal worksheets.



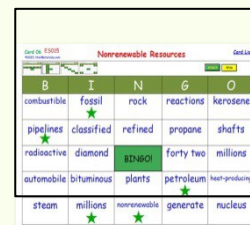
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Step through to a one page printout.

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Reading in the Content Area (.pdf)
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