Chemistry

Worksheets, Video Guides and Quizzes for

Greatest Discoveries With Bill Nye" *

Differentiated Video Guides, Quizzes and Answer Sheet



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		Name:	
		Date: / /	_ Period Room
BNGD* 03	Chemis	stry	A
	While watching, comple	te 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. Leonardo da Vinci su	ggested that	might consist of tw	o different gases.
🛆 2. John Dalton hypothe	esized that elements must be ma	de up of smaller pieces,	called
$_$ Δ 3. Atomic theory defin	ed the relationship between ator	ns and	
∆ 5. August Kekule devel	ealized that gases are made of m oped a system for visualizing the		
molecules. △ 6. Kekule dreamed of a	, helpeing him f	iqure out how benzene m	olecules form a ring shape
	ranged all known elements into a		
🛆 8. Humphry Davy disco	vered the power of	to react with chemic	cals and transform them.
∆ 9. Bunsen and Kirchhof heated elements.	f made a	, helping them see the s	pectra coming from
Δ 10. Everything we see is	made of chemicals <u>bonded</u> / <u>m</u>	agnified through electro	on interactions.
△ 11. J. J. Thomson used o	a to bend	a stream of cathode ray	/ S.
Δ 12. Two elements form a	a compound when they give up or	accept	from their outer shell.
∆ 13. Marie Curie's	are still conside	ered too radioactive to h	andle.
∆ 14. John Hyatt used mo	lecules of cellulose from plants t	o create the first	
▲ 15. Nanotechnology / Q * Titles are for reference only - not affiliated.	uantum mechanics allows us to cre All materials are © 2017 <u>StarMaterials.</u> c		ucts and applications.

Video Guide / Worksheet / Quiz



Click <u>HERE</u> for a FREE SAMPLE

of the Video Guides, Worksheets and Quizzes.

Word Bank Version

BNP04	Sample	
	- Word Bank -	
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785/925	Exergy / Matter	Liquid
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Easily Differentiated. The Questions are Identical.

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 guiz 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 (△) then count the "C"s for grade.
- Different classes can take different guizzes.
- Repeat or do-over guizzes can have different guestions.
- Every guiz 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.

Measurement

Vide Guide / Worksheets and Quizzes for "Bill Nye-The Science Guy" * Differentiated Juizzes and Answer Sheet

Fill in the Blank Version







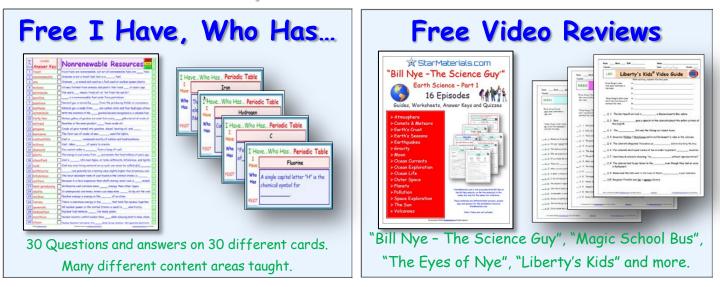
Free Quiz Answer Sheet

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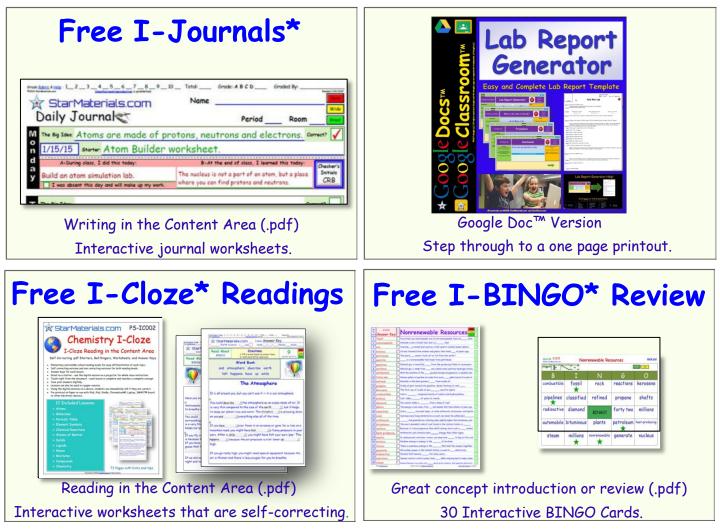
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