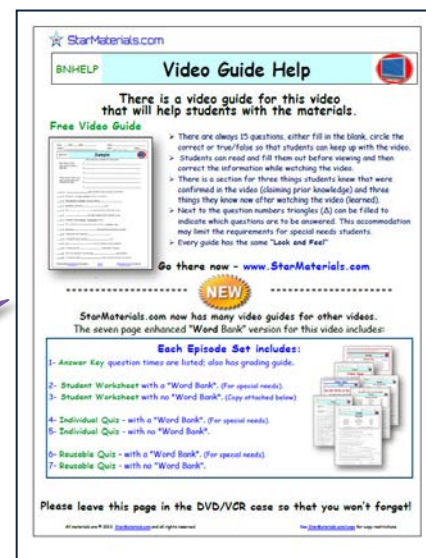




*Don't worry, the worksheet is attached.*

- There are two sheets attached. One is the worksheet you were looking for and the other is the Video Guide Help to leave in the VHS or DVD case for a fellow teacher.

**PRINT THIS NOTICE  
and put it in the  
DVD or VHS case.**



- Please print out both sheets and place the Video Guide Help sheet in the VHS or DVD case.

**PRINT THE WORKSHEET  
from the website every  
time for the latest copy.**



- The Video Guides are constantly being updated and revised. Please simply go to the [StarMaterials.com](http://StarMaterials.com) website and download a fresh copy of the free worksheet as you need it.
- Keep checking the website for the latest teacher created and teacher tested tools for your classroom.



**There is a video guide for this video that will help students with the materials.**

## Free Video Guide

- There are always 15 questions, either fill in the blank, circle the correct or true/false so that students can keep up with the video.
- Students can read and fill them out before viewing and then correct the information while watching the video.
- There is a section for three things students knew that were confirmed in the video (claiming prior knowledge) and three things they know now after watching the video (learned).
- Next to the question numbers triangles (Δ) can be filled to indicate which questions are to be answered. This accommodation may limit the requirements for special needs students.
- Every guide has the same "Look and Feel"

**Go there now - [www.StarMaterials.com](http://www.StarMaterials.com)**

**NEW**

**StarMaterials.com now has many video guides for other videos.**  
The seven page enhanced "Word Bank" version for this video includes:

### Each Episode Set includes:

- 1- **Answer Key** question times are listed; also has grading guide.
- 2- **Student Worksheet** with a "Word Bank". (For special needs).
- 3- **Student Worksheet** with no "Word Bank". (Copy attached below)
- 4- **Individual Quiz** - with a "Word Bank". (For special needs).
- 5- **Individual Quiz** - with no "Word Bank".
- 6- **Reusable Quiz** - with a "Word Bank". (For special needs).
- 7- **Reusable Quiz** - with no "Word Bank".



**Please leave this page in the DVD/VCR case so that you won't forget!**

Room \_\_\_\_\_ Block \_\_\_\_\_ ID# \_\_\_\_\_

Name \_\_\_\_\_

Teacher \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Period \_\_\_\_

EN10

# Genetically Modified Foods



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. \_\_\_\_\_ provide the instructions to build a living thing.
- \_\_\_ Δ 2. Many types of wheat are perennials, which means they don't \_\_\_\_\_ each year.
- \_\_\_ Δ 3. The first step in making a hybrid is to emasculate, or pull out the \_\_\_\_\_ parts of the flower.
- \_\_\_ Δ 4. It takes a season to create a hybrid, and about 15 years to create a \_\_\_\_\_.
- \_\_\_ Δ 5. Scientists can now mix genes from species that are hardly \_\_\_\_\_ at all.
- \_\_\_ Δ 6. (Transgenic / Biogenic) is a term that literally means "across the genes."
- \_\_\_ Δ 7. \_\_\_\_\_ Rice is a genetically modified species of rice created to fight malnutrition in developing countries.
- \_\_\_ Δ 8. Arctic fish genes can be padded to tomatoes to prevent the tomatoes from \_\_\_\_\_.
- \_\_\_ Δ 9. It can take years for a new organism to have an impact on the (ecosystem / economy).
- \_\_\_ Δ 10. Herbicide tolerant crops allow farmers to kill \_\_\_\_\_ without killing the crop.
- \_\_\_ Δ 11. 91% of all genetically modified crops around the world belong to the (Pioneer / Monsanto) company.
- \_\_\_ Δ 12. Most \_\_\_\_\_ crops today are genetically modified, and its derivatives appear in hundreds of food products.
- \_\_\_ Δ 13. Scientists are working to genetically modify coffee plants so they only produce (super-sized / decaffeinated) beans.
- \_\_\_ Δ 14. If we introduce a new species, the other species are going to \_\_\_\_\_.
- \_\_\_ Δ 15. There's 1 1/2 times the amount of \_\_\_\_\_ we need on the planet today.



## Word Bank

Sample Word Bank

|                |                 |          |
|----------------|-----------------|----------|
| 24% / 25%      | Elements        | Decrease |
| 78% / 85%      | Energy / Matter | Liberal  |
| Carbon dioxide | Energy / Matter | Reform   |
| Reform         | Heat energy     | Phases   |
| Heat energy    | Heat energy     | Steady   |

Not all terms are used. Some terms may be used more than once.

1. Everything you can touch is made of \_\_\_\_\_.

2. Solid, liquid, and gas are the phases of matter.

3. The state in which matter exists \_\_\_\_\_.

4. Matter can change phases by changing the amount of \_\_\_\_\_.

5. Air is \_\_\_\_\_.

6. Water vapor is an example of \_\_\_\_\_.

7. Energy and matter do not change the phases of matter.

8. Absolute zero is when energy \_\_\_\_\_.

9. The rate at which \_\_\_\_\_ changes liquid into a gas.

10. A solid is liquid that contains \_\_\_\_\_.

11. A gas and \_\_\_\_\_ will take the shape of a container.

12. The heating and cooling of substances can \_\_\_\_\_.

13. To change a gas to a liquid, you need to \_\_\_\_\_.

14. To change a solid to a liquid, you need to \_\_\_\_\_.

15. Changing a solid to a liquid is called \_\_\_\_\_.

## Select the Version.

## The Questions are Identical

**Video Guide** There are always 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.

## Fill in the Blank

Sample Fill in the Blank

1. Everything you can touch is made of \_\_\_\_\_.

2. Solid, liquid, and gas are the phases of matter.

3. The state in which matter exists \_\_\_\_\_.

4. Matter can change phases by changing the amount of \_\_\_\_\_.

5. Air is \_\_\_\_\_.

6. Water vapor is an example of \_\_\_\_\_.

7. Energy and matter do not change the phases of matter.

8. Absolute zero is when energy \_\_\_\_\_.

9. The rate at which \_\_\_\_\_ changes liquid into a gas.

10. A solid is liquid that contains \_\_\_\_\_.

11. A gas and \_\_\_\_\_ will take the shape of a container.

12. The heating and cooling of substances can \_\_\_\_\_.

13. To change a gas to a liquid, you need to \_\_\_\_\_.

14. To change a solid to a liquid, you need to \_\_\_\_\_.

15. Changing a solid to a liquid is called \_\_\_\_\_.

## 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 choose 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

Science Quizzes

Quiz 1: 10 Questions

Quiz 2: 12 Questions

Quiz 3: 15 Questions

Quiz 4: 10 Questions

Quiz 5: 12 Questions

Quiz 6: 15 Questions

Quiz 7: 10 Questions

Quiz 8: 12 Questions

Quiz 9: 15 Questions

Quiz 10: 10 Questions

Quiz 11: 12 Questions

Quiz 12: 15 Questions

Quiz 13: 10 Questions

Quiz 14: 12 Questions

Quiz 15: 15 Questions

Quiz 16: 10 Questions

Quiz 17: 12 Questions

Quiz 18: 15 Questions

Quiz 19: 10 Questions

Quiz 20: 12 Questions

Quiz 21: 15 Questions

Quiz 22: 10 Questions

Quiz 23: 12 Questions

Quiz 24: 15 Questions

Quiz 25: 10 Questions

Quiz 26: 12 Questions

Quiz 27: 15 Questions

Quiz 28: 10 Questions

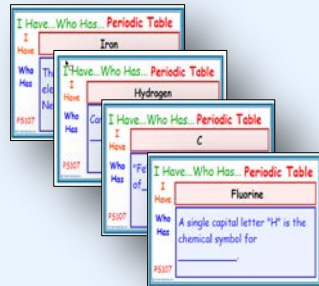
Quiz 29: 12 Questions

Quiz 30: 15 Questions



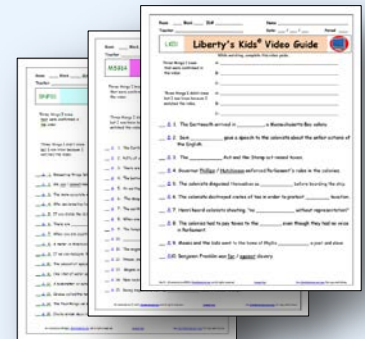
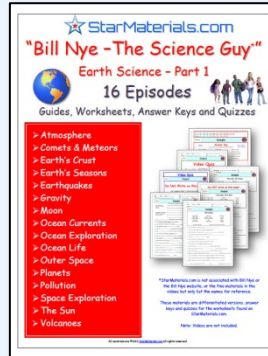
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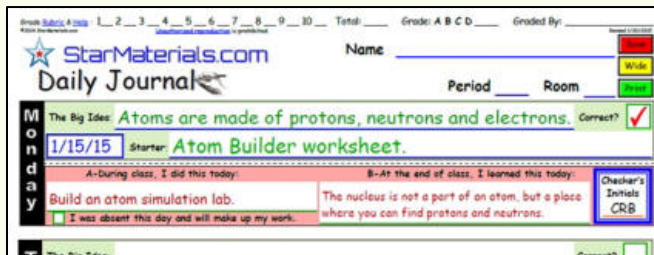
## Free Video Reviews



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

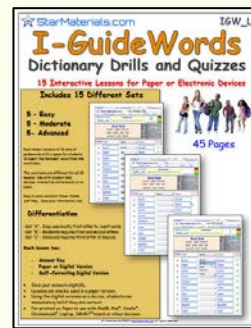
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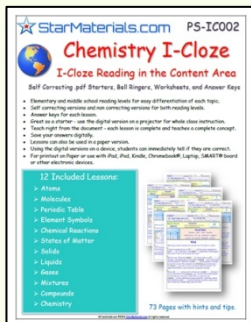
Writing in the Content Area (.pdf)  
Interactive journal worksheets.

## Free I-Guides\*



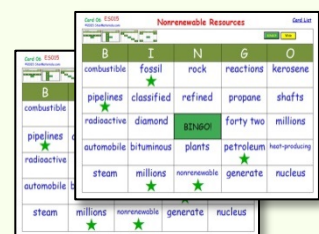
Dictionary Drills (.pdf)  
Use Guide Words to place work in question.

## Free I-Cloze\* Readings



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

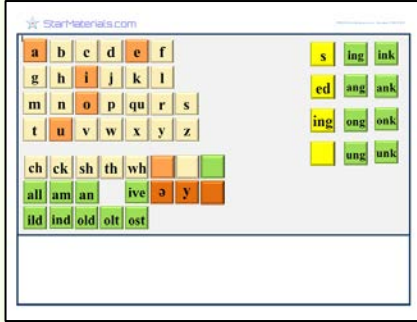
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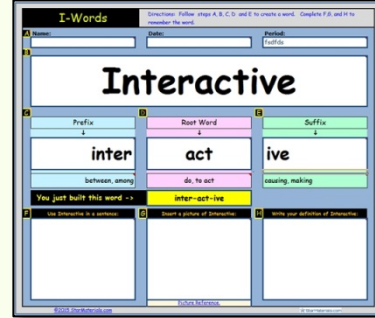
\*Interactive lessons for printout on Paper or use with iPad®, iPod®, Kindle®, Chromebook®, Laptop, SMART® board or other devices.

## I-Wilson® Reading Tiles\*



Move letter tiles on screen. (.doc)  
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## I-Words\*



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