

I'm not robot!

Bill Nye the Science Guy: Volcanoes

1. Where did some of the oldest land on earth come from? _____
2. Volcanoes are formed when hot molten _____ finds its way to the surface.
3. Name one thing that volcanoes can do to the surrounding environment when they erupt (like Mt. St. Helens) _____
4. Do all volcanoes explode when they erupt? Explain. _____
5. Where does the fiery rock that erupts from a volcano come from? _____
6. Where do volcanoes usually occur? _____
7. How did the Hawaiian islands form? Be specific (don't just say volcanoes) _____
8. Volcanoes erupt because there are _____ trapped in the magma deep inside the earth. So when those gases get hot enough they expand and _____
9. The volcano's _____ lets lava under pressure vent to the surface
10. The lava flows _____ in channels.
11. When volcanoes stop erupting they sometimes form a bowl in the middle called a _____
12. Some volcanoes _____ other volcanoes explode
13. What is in the magma that causes some volcanoes to explode? _____
14. A volcano that is formed by hot lava that flows down the sides quickly. The lava comes out hot and flows a long way before it hardens. That's why the volcano is flat

Seven Page Video Guide - Paper Version

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

Select the Version. The Questions are Identical.

Video Guide: 25 questions with the same "Look and Feel" - fill in the blank or forced decision as 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: <https://www.CoreMaterials.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 avoid 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

All materials are © 2012 CoreMaterials.com and all rights reserved. See CoreMaterials.com for copyright details.

Bill Nye - Food Web

Name _____

1. **What is a Food Web?**
A Food Web is the overlapping inter-connections between plants, animals and decomposers that depend on each other to survive.
2. **What are decomposers and what do they do?**
Decomposers are organisms that break down wastes and dead matter which puts important nutrients back into the soil.
3. **On what do all living things depend to survive?**
All living things depend on plants to survive.
4. **What do plants make?**
Plants make food and oxygen.
5. **Where does our food come from?**
We basically get all our food from plants.
6. **What does the name Photosynthesis mean?**
Photosynthesis means "making from light".
7. **What is Photosynthesis?**
Photosynthesis is the process by which plants use carbon dioxide, sunlight and water to make food and the by-product oxygen.
8. **What are plants basically made up of and what is their structure?**
Plants are basically made up of sugars which are formed from Carbon, Hydrogen and Oxygen.
9. **Why do all animals need plants?**
All animals need oxygen to breathe and exist which is produced by plants.
10. **What is hydroponics?**
Hydroponics is growing plants without soil.
11. **What is a food pyramid and give one example?**
A food pyramid is the amount of energy that moves from one feeding level to another in a food web. Plants are at the bottom level and most abundant. Each level reduces in numbers of organisms. Example: Apple Tree > Apple > Pig > Man.
12. **Why do we need more plants than animals in the food pyramid?**
The more plants there are, the more energy produced to sustain the food web. At the top level there is less energy to go around.

© 2012 CoreMaterials.com
All rights reserved.
See CoreMaterials.com for copyright details.

Name	Period	Date
Bill Nye: Atmosphere		
1. We live in an _____ of air.		
2. _____ acts as a blanket to keep us warm.		
3. The lower the pressure, the higher the _____.		
4. Death Valley is the _____ point in North America.		
5. The weight of the air pushing down weighs about _____ on every square centimeter.		
6. Why does water boil easier and faster at high altitudes?		
7. _____ atmosphere may be thin, but it _____ finally prevents radiation, keeping us all safe.		
8. When an atmosphere keeps a planet warm we call it the _____.		
9. Solar gets up in the sky and when it rains, it rains _____.		
10. The atmosphere is _____ thick.		
11. Air around the Earth keeps us _____.		

Eighth Grade Science Curriculum Approved July 12, 2004 The Georgia Performance Standards are designed to provide students with the knowledge and skills for proficiency in science at the eighth grade level. More information California Treasures High-Frequency Words Scope and Sequence K-3 Words were selected using the following established frequency lists: (1) Dolch 220 (2) Fry 100 (3) American Heritage Top 150 Words in English More information Create A Radio Show ebook Getting Started with Blog Talk Radio Tips & Tricks TABLE OF CONTENTS Introduction...2 How To Set Up a Test Broadcast in Blog Talk Radio...3 How to Use iTunes with your Blog Talk More information PUSD High Frequency Word List For Reading and Spelling Grades K-5 High Frequency or instant words are important because: 1. You can 1 read a sentence or a paragraph without knowing at least the most common. More information Ohio Standards Connection: Government Benchmark A Identify the responsibilities of the branches of the U.S. government and explain why they are necessary. Indicator 2 Explain the structure of local governments More information Sound and Music Look at the drawings above. Read the names of the parts of each instrument. Answer the following questions. 1. Which part creates the sound for each of these instruments? Drum Guitar Flute More information powered by Students Welcome to the 4 million! Mathletics is a global community of 4 million students in over 17,000 schools and homes around the world and now you are a part of the community. This guide More information Earn Money Sharing YouTube Videos Get Started FREE! Make money every time you share a video, also make money every time the videos you have shared get watched! Unless The Viral Power of Social Media To More information Teacher s Guide Grade Level: 6 12 Curriculum Focus: Astronomy/Space Duration: 7 segments; 66 minutes Program Description This library of videos contains seven segments on celestial bodies and related science. More information Table of Contents Introduction and Overview... 3 The Mobile Marketplace... 3 What is an App?... 3 How Does MyChamberApp work?... 3 How To Download MyChamberApp... 4 Getting Started... 5 MCA Agreement... More information Lottery Looper User Manual Lottery Looper 1.7 copyright Timersoft. All rights reserved. The information contained in this document is subject to change without notice. This document More information Starting a Booktalk Club: Success in Just 12 Weeks! It s wonderful that you re interested in starting a booktalk club at your school! Before you even begin, you may want to familiarize yourself with some More information A Step By Step Guide On How To Attract Your Dream Life Now This guide is about doing things in a step by step fashion every day to get the results you truly desire. There are some techniques and methods More information Navy Elementary Science Fair March 14th, 2016 Student Information Packet Student Name: Teacher: IMPORTANT DATES TO REMEMBER: February 9, 2016: Information/Q&A Session during school March 7, 2016: Official More information MAT 1500: College Algebra for the Social and Management Sciences General Syllabus (See your section syllabus for specific instructor information, deadlines and points.) Course Description: This is a college More information Lesson 8 Descriptive Essays Description is not a distinct mode of writing, like expository, narrative, and persuasive, but the ability to write descriptively is essential to a host of writing genres. Many More information It Takes Guts: A Multimedia Digestive System Journey Teacher Lesson Plan and Student activity package Learning Objectives: 1. Students will listen to It Takes Guts and complete a lyric note-sheet. 2. More information SECOND GRADE 1 WEEK LESSON PLANS AND ACTIVITIES WATER CYCLE OVERVIEW OF SECOND GRADE WATER WEEK 1. PRE: Exploring the properties of water. LAB: Experimenting with different soap mixtures. POST: Analyzing More information Easy Casino Profits The Easy Way To Beat The Online Casinos Everytime! www.easycasinoprofits.com Disclaimer The authors of this ebook do not promote illegal, underage gambling or gambling to those living More information Welcome to Northern Lights A film about Scotland made by you. As part of the Year Of Creative Scotland 2012 we want you to take out a camera and show us what you can see. We are not sure what you will More information Climate Change is Underway Lesson Plan For Teachers: The following is a lesson plan designed to be used with section of the Climate Change material entitled Climate Change is Underway from the After Earth More information Standards This lesson addresses the following National Science Education Standards: Physical Science: properties and changes of properties in matter Physical Science: transfer of energy Science in Personal More information RingCentral for Desktop UK User Guide RingCentral for Desktop Table of Contents Table of Contents 3 Welcome 4 Download and install the app 5 Log in to RingCentral for Desktop 6 Getting Familiar with RingCentral More information Greetings Keyboard Mastery Keyboarding Students! Teacher: Mrs. Wright You do NOT have to turn anything in I can see your scores and grades online in my Teacher Manager. Read this syllabus carefully! Step More information Making a Video Year Six Unit Overview This children introduces the idea of using photos and videos within a multimedia presentation. Children will cover: - Using a digital camera to take photographs and More information The Water Cycle 1/2/3. Finding out about the Water Cycle Aims: To enable pupils to learn and understand what happens at each stage of the Water Cycle To introduce specific vocabulary related to the Water More information Eclipse 180 User s Manual Congratulations on purchasing your Eclipse Personal Media Player! To get the most out of your purchase, please take the time to carefully read through this manual. Foreword If More information Lesson Effective Communication Skills Lesson Overview In this lesson, participants will learn about various types of communication and how important effective communication is in the workplace. Lesson More information This guide is based on years of experience assisting people to raise funding and attract funding opportunities to projects. We have assisted individuals, small and medium size businesses, inventors, and More information Wholesaling Lease Options FREE Bonus The Best Internet Tools I Use In My Real Estate Business That You Might Never Have Heard Of! I am a huge fan of using technology that WORKS and that makes my life EASIER. More information DESCRIPTION This lesson plan gives students first-hand experience in analyzing the link between atmospheric temperatures and carbon dioxide () s by looking at ice core data spanning hundreds of thousands More information THE WISDOM OF 14 ACCOUNTING TEXTBOOKS. ALL IN ONE FUN, INTERACTIVE GAME. Students get a kick out of learning when it s more engaging than a textbook. Sorry, textbooks. We wrapped up all the stuff they More information FORMS OF ENERGY LESSON PLAN 2.1 Introduction to Forms of Energy This lesson is designed for 3rd 5th grade students in a variety of school settings (public, private, STEM schools, and home schools) in the More information TEACHER S GUIDE: PEER PRESSURE LEARNING OBJECTIVES Students will be able to identify peer pressure as both a positive and negative force. Students will understand how peer pressure impacts everyone. Students More information Learning styles Topic: Idioms Aims - To apply listening skills to an audio extract of non-native speakers - To raise awareness of personal learning styles - To provide concrete learning aids to enable More information Qualtrics Surveys for EPS & ALC Course Evaluations: Step by Step Instructions Jennifer DeSantis August 28, 2013 A relatively quick guide with detailed explanations of each step. It s recommended More information A Business Owner s Guide to Pay-Per-Click A Business Owner s Guide to Pay-Per-Click In today s world, the most important business tool you have when it comes to attracting new customers is the Internet. More information LESSON 2: JESUS, THE LIGHT OF THE WORLD. IS BORN Leader Guide for One Room Classroom: M y Classroom Luke 2:1-20 06/06/2016 Teachers Dig In Dig In to the Bible Read: Luke 2:1-20 In This Passage: Mary and More information Magnetic Storm PROGRAM OVERVIEW NOVA explores what creates Earth s magnetic field and why it might be headed for a reversal. Solar Wind Earth The program: explains how scientists think Earth s magnetic More information Sim sound SimSound is an engaging multimedia game for 11-16 year old that aims to use the context of music recording to introduce a range of concepts about waves. Sim sound encourages pupils to explore More information Sixth Grade Science Curriculum One Stop Shop For Educators The Georgia Performance Standards are designed to provide students with the knowledge and skills for proficiency in science at the sixth grade More information Kids As Reading Helpers: A Peer Tutor Training Manual Copyright 2002 by Jim Wright www.interventioncentral.org L2-1 Lesson 2: How to Give Compliments to Tutees Introduction When correctly used, compliments More information Lesson 3: Albedo Time: approximately 40-50 minutes, plus 30 minutes for students to paint pop bottles Materials: Text: Albedo (from web site 1 per group) Small thermometers, at least 0°C to 100°C range More information Your guide to email marketing Precept 2016 Entering the world of email marketing can seem pretty daunting. Especially if your business has never done email marketing. But emails are actually a great way More information Telemarketing Selling Script for Mobile Websites INTRODUCTION - - - - - To persons who answers phone Good Morning (or Good Afternoon) I would like to speak More information Mock Interviews 6 Finding a job The BIG Idea How can I improve my interviewing skills? AGENDA Approx. 45 minutes I. Warm Up: Model an interview (10 minutes) II. Interview Practice (30 minutes) III. Wrap More information 4/6/2016 VERSION 2.0.4 Skoolbo Ltd. CANADA 3877 Grand View Blvd., Los Angeles, CA 90066 +1 310.307.3757 1 Table of Contents 1. Welcome... 3 2. Quick Start Getting Going... 4 2.1 Register for a free Parent More information What you should know about: Windows 7 What s changed? Why does it matter to me? Do I have to upgrade? Tim Wakeling Contents What s all the fuss about?...1 Different Editions...2 Features...4 Should you More information 2. Provide the scoring guide/rubric for the culminating task (summative assessment). Criteria Oral Presentation- Group project Poster Presentation display/visual aids 1 - Attempts the standard use the More information Teacher s Guide Grade Level: K 2 Curriculum Focus: Mathematics Lesson Duration: Two class periods Program Description Discovering Math: Prediction and Probability From likelihood to frequency to prediction, More information Niess, M. L. & Walker, J. M. (2010). Guest editorial: Digital videos as tools for learning mathematics. Contemporary Issues in Technology and Teacher Education, 10(1), 100-105. Guest Editorial: Digital More information Days Day 1 Lesson Plans Call the students to the carpet by the number of letters in their names. If your name has less than 5 letters, come to the carpet. If your name has more than 5 letters, come to More information Technology guides for the classroom (using and in the ipad classroom) Cheryl Burgemeister Bushfire Press Illustrated by Bradfield Duplepton Contents Overview A new way of classroom organisation Classroom More information SCIENCE NOTEBOOKS: The principles behind notebooks are important: To be well-organized or to strive to be To develop the mindset of a place for everything To be accountable for your papers (keeping every More information The Minnesota Literacy Council created this curriculum with funding from the MN Department of Education. We invite you to adapt it for your own classrooms. Beginning Level (CASAS reading scores of 181-200) More information Suggested Grade 1 2 Lesson Plan Students Rights and Responsibilities Lesson 1 My Rights and Responsibilities Grade 1 st and 2 nd Objective: The students will discuss and summarize their rights and responsibilities More information Get New Customers With YouTube Advertising What We Do We produce a 30 second video We find your target audience We keep you informed with reports Free of Charge We ensure that the right people see your More information Introduction to Adobe Connect Faculty Support Services Academic Technology Services & User Support Cornell Information Technologies USING ADOBE CONNECT CONTENTS Introduction... 3 Create a meeting room... More information Ito Hsu COMPUTER TECHNOLOGY IN TEACHING READING Effective Elementary Reading Program Effective approach must contain the following five components: 1. Phonemic awareness instruction to help children learn More information PLEASE DO NOT WRITE ON THE TEST. PLACE ALL MULTIPLE CHOICE ANSWERS ON THE SCANTRON. (THANK YOU FOR SAVING A TREE.) Sound Waves Test - each multiple choice question is worth 3 points. 1. Sound waves are More information TOTAL DEFENSE MOBILE SECURITY USER S GUIDE Publication date 2015.04.09 Copyright 2015 Total Defense Mobile Security LEGAL NOTICE All rights reserved. No part of this book may be reproduced or transmitted More information Unit Grades K-3 Awareness Teacher Overview What is energy? Energy makes change; it does things for us. It moves cars along the road and boats over the water. It bakes a cake in the oven and keeps ice frozen More information ! Camtasia Studio 8.4 May 2014 2014 TechSmith Corporation. All rights reserved This manual, as well as the software described in it, is furnished under license and may be used or copied only in accordance More information Time: approximately 40 minutes Lesson 5: School Bus Safety LESSON PLAN: Lesson 5 This curriculum does not cover every possible scenario that a child may encounter as a pedestrian, but instead addresses More information 5The TOP LESSONS EVERY SMALL BUSINESS OWNER NEEDS TO LEARN TO BE SUCCESSFUL IN TODAY S UNFORGIVING BUSINESS CLIMATE Lessons learned Change happens to you or with you We ve been working with small businesses More information STUDENT CURRICULUM TEMPLATE Adapted from STARTALK program template Teacher Name: Hong Jiang Grade or Level: Grades 6-8 Language(s): Target Proficiency Level: Novice-Low Novice -Mid Number of Contact Hours: More information Advanced Techniques for the Walkingbass I have seen guys with 5 string basses who can t get half the sounds that you are getting out of just three. -Buddy Fo of the Invitations If you have read the Beginners More information How to Build a Facebook Guitar Teacher Page www.rgt.org By: Dr. Matthew Warnock As you may already know, Facebook has quickly become a hotbed for musicians and guitar teachers to connect with fans/students. More information Writing Topics Topics in the following list may appear in your actual test. You should become familiar with this list before you take the computer-based TOEFL test. Remember that when you take the test More information A Sales Strategy to Increase Function Bookings It s Time to Start Selling Again! It s time to take on a sales oriented focus for the bowling business. Why? Most bowling centres have lost the art and the More information Tip for use of FAQ: Click on questions to go to answer. GETTING STARTED... 2 Which hearing devices do I need to use the app?... 2 Why do I need the ReSound Unite Phone Clip+ to use the app?... 2 I have More information Describe the action you took in this cycle. 1. The What s for Lunch? Unit Plan Cycle Two s unit plan (See Appendix E for specific learning activities) centered on a theme titled WHAT S FOR LUNCH? First More information What Customers Want from Kindle Books Nancy A. Allmang [nancy.allmang@nist.gov] is reference librarian and Biosystems, Materials Science and Engineering Laboratory, and National Center for Neutron Research More information 5 th Annual Applegate Science Fair April 7, 2016 6:30 p.m. Alexander Graham Bell Did You Know? - He was also interested in other fields of science: watercrafts (boats), metal detectors & medical research More information Pre-Session Warm Up God, the Great Creator (Genesis 1: 2-3) Today we re going to start a new series of lessons all about God s attributes. An attribute is a character trait or quality about someone. For More information 1 Reading and Writing Center Kingsborough Community College Evaluating a CATW Writing Sample The CUNY Assessment Test in Writing (CATW)-Abridged Guide #2 Adapted from the Student Handbook/ Office of Assessment/ More information CHAPTER 1 1 Branches of Earth Science SECTION The World of Earth Science BEFORE YOU READ After you read this section, you should be able to answer these questions: What are the four major branches of Earth More information Change Management Consultant Guide Bonus ebook How to create even more authority and presence using the web Your ultimate weapon to getting and sustaining change I Stuart Corrigan Vanguard Scotland Ltd More information OFFICIAL VOICES.COM USER GUIDE A CLIENT S GUIDE TO GETTING STARTED AT VOICES.COM 1 Table of Contents Welcome to Voices.com 3 Your Profile 6 Inbox 7 Job Postings 8 Job Offers 10 Payments 13 Help 15 Go For More information Unit: Plants & Animals (Grade 2) Content Area: Science Course(s): Science Time Period: 8 weeks Length: Weeks Status: Published Unit Overview Students will determine the life cycles of plants and animals More information Energy The Co-operative s Green Schools Revolution LESSON PLAN KS1: Duelling fuels! Fossil fuels versus renewable energy. SUGGESTED TIME: 60 MINS Age group No. of pupils in cohort Classroom support (to More information Instructional plan is part of a GaDOE collection of Unit Frameworks, Performance Tasks, examples of Student Work, and Teacher Commentary. Many more GaDOE approved instructional plans are More information 1 LESSON NAME: Intro to the Art of Computer Science Lesson time: 45 60 Minutes : Prep time: 15 Minutes Main Goal: Give the class a clear understanding of what computer science is and how it could be helpful More information Alere: diagnosing and monitoring health conditions globally. Healthcare innovator develops engaging websites, communications, and sales tools using Adobe solutions. Through Adobe Experience Manager, Adobe More information Secrets of Direct Mail Copy Most of content marketing deals with mediums such as blogs, articles, and white papers. This kind of writing is more latent in nature after all, most of the time people interact More information Free Report My Top 10 Tips to Betting Like a Pro With Zero Risk Legal Disclaimer: EVERY EFFORT HAS BEEN MADE TO ACCURATELY REPRESENT THIS PRODUCT AND IT S POTENTIAL. EVEN THOUGH THIS INDUSTRY IS ONE OF More information How can you tell rocks apart? Grade Range: 4-7 G.L.E Focus: 1.1.5 Time Budget: 1 1.5 hours WASL Vocabulary: Overview: Different rocks have different characteristics because of their minerals, the ways More information Digital Literacy: Theoretical Framework September 2014 Table of Contents Definition... 1 Key Concepts... 1 Digital Literacy Competencies... 2 Digital Literacy and Student Centered Learning... 9 Generous More information Welcome to Log on to Learn You ve just begun membership of the premier web based software training service. You will now enjoy access to everything that Log on to Learn has to offer. This short guide will More information Welcome to Mrs. Ault s Prep for College Algebra Class 2013-2014. PLEASE TAKE THIS PACKET HOME TO YOUR PARENTS/GUARDIANS TO READ THROUGH AND RETURN THE PARENT/STUDENT INFORMATION PAGE BY FRIDAY, AUGUST More information Making Inferences Picture #1 Casey and Josie are standing in front of East Moore Middle School. Making Inferences Picture #2 Sue surprised her friend with a gift. Making Inferences Picture #3 Angela is More information AT A GLANCE RENEWABLE OR NOT? Students learn the difference between renewable and non-renewable resources and discover why sustainable use of natural resources is important. OBJECTIVES Students will: Identify More information System Options Different Systems for Different Users We run various different types of systems for different users based on their email marketing requirements. If you have your own email marketing system More information S4 USER GUIDE Read Me to Get the Most Out of Your Device... Contents Introduction 4 Remove the Protective Cover 5 Charge Your S4 5 Pair the S4 with your Phone 6 Install the S4 in your Car 8 Using the Handsfree More information HOSPITALITY PROFESSIONAL COURSE (HPC) Course Overview and Syllabus Overview The Hospitality Professional Course (HPC) consists of a series of self-paced online seminars and activities that have been created More information Mythical Monsters Made Real! A Cooperative Lesson on Physical and Behavioral Adaptations Purpose (Teacher Version): The purpose of this lesson is use the skills and knowledge learned in previous adaptation More information Increasing Productivity and Collaboration with Google Docs charna.org@nus.edu.sg Table of Contents About the Workshop... 1 Workshop Objectives... 1 Session Prerequisites... 1 Google Apps... 1 Creating More information MANUAL VISH User Manual VISH is a social network for teachers and scientist to meet and collaborate in the science teaching. VISH includes a variety of functionalities that aim to provide users with the More information P R I G r e n P o w e r P r o g r a m G r e n B o x H.S. Solar Energy: Solar Powered Cars Created by: Learning Cycle 5E Lesson Based upon and modified from Roger Bybee* (1990) *Bybee, R & Landes, N. More information Welcome to Socratic! We are happy to have you in the community. Like you, we think it s important to visualize student understanding. That s why we ve developed an easy-to-use tool for building assessments More information

