

Science Review Play
by Holly Adams and Marie Sirakos

(Bill Nye song plays and cast –both classes--streams onstage singing and dancing with lots of excitement and energy. Song ends and everyone is in a cool frozen pose).

All: Science RULES!!!

Bill 1: Welcome to today's show!!

Bill 2: Welcome to today's show!!

Bill 1: Who are you?

Bill 2: Who are you?

Bill 1: I'm Bill Nye. This is my show!

Bill 2: No *(stagewhispers)* I'm supposed to be playing Bill Nye. (Teacher' Name) told me I am playing the part of Bill Nye.

Bill 1: Well there must be some mix-up. Because (Another Teacher's name) told me that I am playing Bill Nye.

Both Bills: Grownups! *(They both roll their eyes).*

Bill 1: I'll tell you what. I'll play Bill Nye sometimes. And you can play Bill Nye the other times.

Bill 2: Deal. *(They shake on it.)* You can go first.

Bill 1: No you.

Bill 2: No you.

(They go back and forth like this a few times.)

Bill 1: Oh all right, I'll go first. Today, we will look at some way cool science—from the 4th grade SCIENCE TEST!!

All: *(Gasp! Or maybe say "Gasp!" in a gasping way)*

Bill 1: I know, pretty exciting, right? Everything you need to know about our cool planet and how it works! We're gonna do *(Says this next part really fast while 'pods' of kids get a frozen pose that shows what he is saying)* earth's rotation and revolution, the plant life cycle including flowers and seeds and leaves and roots, how to measure way cool science stuff like weight and temperature and distance, everything about energy, animals and the food chain, animal adaptations, the water cycle, the life cycle of an insect, and the states of matter.

All: Phew! *(all wipe brow)*

Voice: Bill, if we have to do all that, we better get started!

Bill 1: right! Clear the stage and make way for the SCENES of SCIENCE!! (*all scatter or go their next acting spots*). Now the first thing we are going to talk about is PLANET EARTH. (*from offstage, all say "WHOA"*)

Bill 1: Guess what? The earth ROTATES!!!! That means that the Earth spins like a ball, 365 times a year!

All: Did you know that!

Bill 1: The Earth is constantly rotating on its axis at 1100 miles per hour.

Voice: Whoa. That's fast.

Bill 1: You bet it's fast! In fact, it is this rotation that causes night and day.

Voice: Um, what do you mean?

Bill 1: Can I have the Earth and the Sun please? Thank you.

The Earth, the Sun run on stage. The Earth begins rotating and the Sun is shining.

Bill 1: The side of the Earth that is facing the sun experiences daytime. The side of the Earth that is facing away from the sun is experiencing night time.

Earth: This is why when you look at the sky in NY State you can see the sun rise in the east, and set in the west.

Sun: Say it with me now! Rise in the east, set in the west.

The Sun repeats this several times and tries to gets the audience to repeat it too.

Bill 1: Okay that's enough.

A vampire enters.

Vampire: Excuse me, but why can't we have endless night? The sun- I just cannot take it!

Sunbather enters.

Sunbather: Well, I want to know why we can't have endless sunny days. I've got to work on my tan!

Vampire: Why does the sun have to rise?

Sunbather: Why does the sun have to set?

Voice: Whoa, everybody calm down.

Bill 1: I'll tell you why. The sun appears to rise and set each day because the Earth rotates.

We see the Earth rotating again and the Sun shining.

Vampire and Sunbather: Oh!

Vampire: But can we stop the earth from rotating?

Bill 1: I don't think you want to because if the Earth were to stop rotating right now, everything on the earth would be swept up in the atmosphere at about 1100 miles per hour.