

Come join us for Parent Night at NPES!

When: Monday, February 6, 2023 6:00pm-7:00pm

Where: GYM

What: Meet Rocky the 15' tall inflatable canyon model.

It's going to be a fast paced, fun-filled, interactive time of unforgettable learning experience to share with your student!

Agenda

- **Welcome from Mr. Stacey**

The Big Canyon Balloon earth science program launched in Georgia in 2012. Based in Atlanta, the program delivers geology content to elementary and middle schools all over the state.

The vocabulary and teaching methods used can be taken back into the classroom and used as learning seeds to grow. Having a common background experience with their students, teachers and parents can use the Big Canyon Balloon experiences as a springboard for student discussion, problem solving application and higher order thinking scenarios.

- **Enjoy interactive presentation by Sparkpoint Innovation team**

Students and parents will participate to create landforms including a barrier island, a sand dune, and a delta. Forces causing erosion are explored. They will discuss and compare rocks and minerals – what is the difference? What are types of rocks we know and how are those formed? Inside the canyon, students and parents will discover a fossil record and an oil deposit. What are the fossils telling the explorers about the relative age of these layers? How did the oil form? Is it a renewable or non-renewable natural resource? The answers to these questions and much more will be discovered during out unforgettable, interactive earth science program.

- **Closing remarks from Mr. Stacey**

¡Unase a nosotros para la Noche de Padres en NPES!

Cuándo: Lunes, 6 de febrero de 2023 6:00pm-7:00pm

Dónde: GIMNASIO

Qué: Conoce a Rocky, el modelo de cañón inflable de 15 pies de altura.

¡Será un momento interactivo lleno de diversión, de ritmo rápido, de una experiencia de aprendizaje inolvidable para compartir con su estudiante!

Agenda

- Bienvenida del Sr. Stacey

El programa de ciencias de la tierra Big Canyon Balloon se lanzó en Georgia en 2012. Con sede en Atlanta, el programa brinda contenido de geología a las escuelas primarias y secundarias de todo el estado.

El vocabulario y los métodos de enseñanza utilizados pueden volver al aula y utilizarse como semillas de aprendizaje para crecer. Al tener una experiencia de fondo común con sus estudiantes, los maestros y los padres pueden usar las experiencias de Big Canyon Balloon como un trampolín para la discusión de los estudiantes, la aplicación de resolución de problemas y escenarios de pensamiento de orden superior.

- Disfrute de la presentación interactiva del equipo de Sparkpoint Innovation. Los estudiantes y los padres participarán para crear accidentes geográficos que incluyen una isla de barrera, una duna de arena y un delta. Se exploran las fuerzas que causan la erosión. Discutirán y compararán rocas y minerales: ¿cuál es la diferencia? ¿Cuáles son los tipos de rocas que conocemos y cómo se forman? Dentro del cañón, los estudiantes y los padres descubrirán un registro fósil y un depósito de petróleo. ¿Qué les dicen los fósiles a los exploradores sobre la edad relativa de estas capas? ¿Cómo se formó el aceite? ¿Es un recurso natural renovable o no renovable? Las respuestas a estas preguntas y muchas más se descubrirán durante nuestro inolvidable e interactivo programa de ciencias de la tierra.

- Palabras de cierre del Sr. Stacey

Minutes for parent night 2/6/2023 6:00-7:00

Welcome

Mr. Stacey Rutledge welcomed our parents and students to our parent night. He introduced the Sparkpoint team for the Big Canyon Balloon to our families. He explained that it's an earth science program launched in Georgia in 2012 and it is based in Atlanta. The vocabulary and teaching methods used can be taken back into the classroom and used as learning seeds to help students grow in their academic knowledge..

Scavenger Hunt Activities (k-2), (3-5)

Students and parents participated in the creation of landforms including a barrier island, a sand dune, and a delta. Forces causing erosion (wind, water, and ice) were explored. They discussed and compared rocks and minerals –explaining the difference? What are types of rocks we know and how are those formed?

Inside the canyon, students and parents discovered a fossil record and an oil deposit. They also answered questions like: What are the fossils telling the explorers about the relative age of these layers? How did the oil form? Is it a renewable or non-renewable natural resource?

Dismissal

Mr. Stacey thanked parents, teachers, and Sparkpoint for attending our Parent Night and dismissed everyone.



Welcome to the K-2 Big Canyon Balloon Science Night!

Today at school, you experienced Rocky the Big Canyon Balloon. Now is your chance to be the teacher! Challenge your parents with the questions below as you take them on a tour of the model.

1. Stand at the mouth of the river in the ocean. Can your parents guess where the brown material on each side of the river came from? Can you explain it to them? (Use the W trick!)
2. Walk down the beach away from the river. Teach your parents the erosion dance!
3. Take your parents on a tour of the fossil tunnel. Show them the cephalopod, the trilobite, and which fossil you found on your hunt today.
4. On the way back around to the front of the model, see how many FAST changes you and your parents can think of that happen to the earth. (Hint: there was a Faultline in the fossil tunnel where an EARTHQUAKE happened)



Find more information about our programs at www.sparkpointinnovations.com!



Welcome to the 3-5 Big Canyon Balloon Science Night!

Today at school, you experienced Rocky the Big Canyon Balloon. Now is your chance to be the teacher! Challenge your parents with the questions below as you take them on a tour of Rocky!

1. Show your parents the word wall. Take turns choosing a word for the other to define. Do your parents know them all?
2. Stand near the river and describe what happened to the waterfall during the program. What is the difference between weathering, erosion, and deposition? Parents stumped? Show them our W trick and teach them the erosion dance!
3. Move over to the beach area and show your parents the two rocks. Which rock do they think is the most weathered? Can you explain to them why they are right or wrong?
4. Finally, give your parents a tour of the fossil tunnel. You will find some questions on the wall to challenge them!



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