

BCPS Field Trip Request ID # 9448

Trip Request By

Trip Name

Trip Date

Approx. Pick-up Time

Return Date

Approx. Return Time

Class/Group

Student Count

Chaperone Count

Number of Vans/Buses

Common Carrier

Cost to Students

How will you pay for students who cannot afford the fee?

Place of Departure

Name:

Address:

City:

State:

Destination

Name:

Address:

City:

State:

Lesson Plans

Common Core & Standard-based Objectives		Activity	Assessments	Critical vocabulary
ESS1-1: make observations of the sun, moon, and stars to describe patterns that can be predicted. ESS1-2: make observations of different times of year to relate the amount of daylight to a time of year. Standard based:	Writing workshop mini-lesson	<p>We follow Workshop Model. Every day the students participate in a mini-lesson focused on a standard that is taught using a thinking strategy; have writing time while the teacher confers one on one with students about their writing and thinking. The workshop ends with a share square where our "thinkers" share their thinking about what they are writing, discuss and challenge each other in their thinking.</p> <p><u>Teacher may choose to make a science learning log that students will work on for the 2 week unit.</u></p> <p><u>Teacher can choose to send home Can You See the Moon or Moon Log.</u></p> <p><u>Teacher can choose to fill in the moon log each day before beginning science.</u></p> <p><u>Day 1:</u> Mini Lesson: ? Students will activate their schema about the sun and moon. What did we learn about earlier in the year about the sun? What is your schema about the moon?</p>	Student work Conferring	Crater Asteroid Meteorite Gravity Maria Crescent Gibbous Full Moon New Moon Pattern Predict

will be able
use
observations
and new
learning
about
patterns in
the sky to
make
predictions.

will be able
use
observations,
search,
and new
learning to
describe
patterns in
the sky.

will be able
observe
a amount
daylight
compared to
earlier in the
year and
discuss my
findings.

1.1a
Common
Core:
Follow
free-upon
lines for
discussions
and
listening to
others with
care,
making one
a time
about the
topic and
under
discussion.
1.1b
Common
Core:
will be able
listen to
others and
ask one at
a time about
a topic.

1.4
Common
Core:
describe
people,
places,
things and
events with
relevant
details,
pressing
issues and
beliefs
early.
1.4b
Common
Core:
will be able
present
information
early.

- ? Students will create a t-chart in their learning log or science learning log. They will record schema about the moon.
- ? Teacher will guide students through power point Patterns in the Sky. (It has many great visuals and images)

Crafting:

- ? Students will record new learning on t-chart.
- ? Students will get in small groups. They will look at moon phase sheet and discuss the types of moons. When have they seen these different types of moons?
- ? Students will complete moon phase sheet.

Share Square:

- ? Students will share their new learning with peers.

Day 2:

Mini-Lesson:

- ? Students will begin by discussing what they learned about the moon yesterday. What did the moon look like last night?
- ? Record data in moon log.
- ? Show brainpop <https://jr.brainpop.com/science/space/moon/>

Crafting:

- ? Students will get in small groups. They will read about the moon on PebbleGo on the I-Pads. Teacher can put some students on there to read, some on computers, print 1 or 2 out for strong readers and also pull a small group if needed. *There also 2 40
- ? Students will add more new learning in their learning log.
- ? Students will present to the class the important information they learned.

Share Square:

- ? Students will share their new learning with peers.

Day 3:

Mini Lesson:

- ? Begin by having students reflect on what about they have learned about the moon and fill in their moon log.



- ? Teacher will read MyOn Book with students.

Crafting:

- ? Students will read & complete the moon book. They will be reading about the moon and completing the activities.

Share Square:

- ? Students will share their books and new learning with peers.

Day 4-6:

Mini Lesson:

- ? Begin by having students reflect on what about they have learned about the moon and fill in their moon log.
- ? Teacher will read MyOn Book with students. (There are several other MyOn book over the moon.

Crafting:

- ? Teacher can choose from a variety of activities for students to complete based on their ability and student's needs.
- ? Students can complete compass activities that are information and a quiz about the moon. 20037 20038 20053 - If you have some science whiz's there are some 3rd grade based activities too.
- ? Students can play phases of the moon activity. They put the phases of the moon in order in a circle. They answer questions about the phase of the moon and more. It's Pretty rigorous. This is for your higher level thinking kiddos.
- ? Students can do research on MyOn, PebbleGo, our National Geographic Exploring Science Book, or Moon (Level 14-16) non-fiction books.
- ? Group of students can prepare a presentation for the class about the moon.
- ? Students can use research to create a non-fiction text feature poster.
- ? Students may develop a power point on information

Waxing

Waning

Share Square:

? Students will share their books and new learning with peers. Students who prepared presentations, posters, or power points can present to small groups or to whole class.

Share Square:

? Students will share their books and new learning with peers.

Day 6-8: Mini-Moon scape**Mini Lesson:**

? Begin by having students reflect on what about they have learned about the moon and fill in their moon log.

Crafting:

? Students will work on projects from last week. (Presentation, Non-fiction text feature poster, Power Point, or moon book.

? Students will build a moon scape.

? Make a moon rock. Students will conduct an experiment by throwing marbles (meteorites) at their moon rock. They will use a variety sized marbles and they will also hit the moon rock at different speeds. Students will record their results.

? Teacher can choose a variety of optional activities for students to complete learning about the moon.

? Students can complete compass activities that are information and a quiz about the moon. 20037 20038 20053 - If you have some science whizâ€™s there are some 3rd grade based activities too.

? Students can play phases of the moon activity. They put the phases of the moon in order in a circle. They answer questions about the phase of the moon and more. â€“ Pretty rigorous. This is for your higher level thinking kiddos.

Share Square:

? Students will share their observations and results with peers. Students will present their project to the class. Students will give each other valuable feedback.

Day 9: Field Trip to the Planetarium

Students will take an immersive visual journey through space and time to learn how our ancestors pieced together patterns, enabling them to measure time, create calendars and understand moon phases. The wonder of Sun, Earth and Moon comes to life on the dome as our virtual journey illustrates moon phases and other celestial patterns. Young learners intuitively grasp difficult-to-understand concepts in this journey of discovery. This exploration includes the show Perfect Little Planet which features an alien cartoon family touring our solar system for the perfect vacation spot, encountering unique and interesting elements of our solar system along the way. The experience concludes with a short tour of the constellations in the night sky as we turn our imaginations outward.

Students will reflect about the trip and what they learned in their learning log.

Summative Assessment will be given.