

BCPS Field Trip Request ID # 8645

Trip Request By	Jessica Green - OES
Trip Name	Science Center Fall 2018
Trip Date	11-02-2018
Approx. Pick-up Time	9:00AM
Return Date	11-02-2018
Approx. Return Time	3:00PM
Class/Group	Overdale First Grade
Student Count	44
Chaperone Count	6
Number of Vans/Buses	1
Common Carrier	Miller Transportation
Cost to Students	16
How will you pay for students who cannot afford the fee?	PTO, fundraisers

Place of Departure

Name:	Overdale Elementary
Address:	651 Overdale Drive
City:	Louisville
State:	KY

Destination

Name:	Kentucky Science Center
Address:	727 West Main Street
City:	Louisville
State:	KY

Lesson Plans

Standard -1.LS1.2 Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.

Objective -I can explain how parents help their offspring survive.

Finish Line Question -How do parents help their children survive?

Vocabulary -Parents, offspring, survive

Assessment - Investigation booklet, discussion question & answers

Science Strategies/Activities

Monday

I do: Tell students that this week we are going to learn how parents help their offspring, or children, survive. Explain key vocab

We do: Watch:

https://www.youtube.com/watch?v=5NKFQvxap3s&index=188&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd

Stop to discuss amazing things the mother animals do to help their babies survive throughout the video. Ask: "What were some ways that you noticed that the mom or dad animal helped their children, so they would survive?" Turn and talk.

You do together: Watch:

https://www.youtube.com/watch?v=k0u67Wk_hJ0&index=191&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd - explain why the father needs to feed a baby penguin the way it does - no food, waiting for mothers to return with food, only food they have to give is in their tummies, so that's what they give to babies.

Discuss how father penguins help their offspring survive with a partner.

Watch: https://www.youtube.com/watch?v=8EPN3Ui8STE&index=192&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd

To see the mother penguins return - discuss how the mothers traveled for many miles to get food for their babies. They can't carry it all with them. Ask students to discuss where the food is and connect to how father penguins fed their babies to help them survive.

You do: Complete page 1 of Baby, Love investigation booklet - Draw/write about how penguins help their offspring survive.

Debrief: Share square investigation booklet work. Discuss finish line question and new learning.

Differentiation: Students will work with buddies as needed. Some students may draw, others will write. Some may need a scribe.

Tuesday

I do: Tell students that this week we are going to learn how parents help their offspring, or children, survive. Review key vocab.

Hook/Background information about spiders so students will be less likely to fear them:

https://www.youtube.com/watch?v=3qdxEilB_Sw&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=195

We do: Watch:

https://www.youtube.com/watch?v=f10k7INvYq8&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=196

Watch part of the video and have students discuss how this is helping the baby spiders survive. What would happen if she didn't carry around her babies? Have students do most of the talking. Relate to if people had to do this how difficult that would be, so it isn't easy for the spider either. Why does she carry all of them when it's not easy to do? (so they will survive)

You do: Complete page 2 of Baby, Love investigation booklet - Draw/write about how spiders help their offspring survive.

Debrief: Share square investigation booklet work. Discuss finish line question and new learning.

Differentiation: Students will work with buddies as needed. Some students may draw, others will write. Some may need a scribe.

Read Aloud for after science: https://www.youtube.com/watch?v=axdZ_n6nTbE&index=197&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd

Wednesday

I do: Tell students that this week we are going to learn how parents help their offspring, or children, survive. Review key vocab

Watch Hook for some cheetah facts to engage class and give background information:

https://www.youtube.com/watch?v=qEmd99ev2dg&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=198

https://www.youtube.com/watch?v=zmu2uPr8Gg&index=200&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd

Ask what students noticed about cheetahs.

Play video 4. Ask the class, "How does the mother cheetah help her cubs?" (She keeps them with her until they are 2 years old & she teaches them how to hunt and take care of themselves.) Play video 5 and read the descriptions to them. Ask the class, "Was there anything else you noticed that mother cheetahs do to help their young survive?" (Answers will vary..) Read with the class on the projection board. Reading 1 (<--click-->) Reading 2. (The second reading is lengthy. Select topics that your class would be interested in reading and

discussing. Pass out student investigation booklets and do page 3 and 4. If time, students can explore Cheetah Rock.

We do/You do together: Watch:

https://www.youtube.com/watch?v=J20eXhZTHEo&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=202

https://www.youtube.com/watch?v=oRg3S-9AIRU&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=202 - STOP AT 1:10 - Point out how babies cry and that mothers respond to them if they hear them cry (not shown in the video, but explain why babies cry and why mothers respond -to help them survive)

Stop to discuss amazing things the mother cheetahs do to help their babies survive throughout the videos. teach them to hunt, protect them, teach them to hide in grass, nurse them when theyâ€™re babies Ask: "What were some ways that you noticed that the mom helped their children, so they would survive?" Turn and talk. Have students discuss what would happen to cubs if their mothers didnâ€™t teach them.

You do: Complete page 3-4 of Baby, Love investigation booklet - Draw/write about how cheetahs help their offspring survive

Debrief: Share square investigation booklet work. Discuss finish line question and new learning

Differentiation: Students will work with buddies as needed. Some students may draw, others will write. Some may need a scribe

Thursday

I do: Tell students that this week we are going to learn how parents help their offspring, or children, survive. Review key vocab.

We do: Read â€œThe Polar Bears are Hungryâ€ by Carol Carrick book - found online here:

https://www.youtube.com/watch?v=OxHw4tY5LUY&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=205

Stop to discuss amazing things the mother polar bears do to help their babies survive throughout the video. Ask: "What were some ways that you noticed that the mom or dad animal helped their children, so they would survive?" Turn and talk. - feeds them, keeps them warm, teaches them to hunt, swims with them on her back until they can swim on their own

You do together: Watch:https://www.youtube.com/watch?v=vZjFVb0jdbbc&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=207

Discuss how the mother bear helps her babies survive with a buddy - feeds milk, watches for predators, makes a den to keep them warm, teaches babies to break through ice so they

can get to food in the water.

You do: Complete page 5 of Baby, Love investigation booklet - Draw/write about how polar bears help their offspring survive

Debrief: Share square investigation booklet work. Discuss finish line question and new learning

Differentiation: Students will work with buddies as needed. Some students may draw, others will write. Some may need a scribe.

Friday

I do: Tell students that this week we are going to learn how parents help their offspring, or children, survive. Review key vocab

We do: Watch elephant learn to use trunk from watching mother:

https://www.youtube.com/watch?v=jLu7LliqoS8&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=212

Ask how this helps the baby survive.

You do together: Watch:

https://www.youtube.com/watch?v=enc9Vg4hbbA&t=24s&list=PLRy_SSHI4k-46X6fwYhzFH88W5nHjcJOd&index=213

Ask why the mother elephant didn't move the rock for the baby. Have students talk with several partners to try to figure this out. (She's trying to teach the baby to care for himself so he can survive even without her help one day)

You do: Unit assessment

Differentiation: Students will work with buddies as needed. Some students may draw, others will write. Some may need a scribe.