[Date]

Benson, Leah

[company name]

Animal Inquiry Project

Grade 3: Animal Life Cycles

**What makes a Mammal a Mammal?**

* **Slide 1:** What is a mammal? Animals have characteristics that help them meet their needs.
  + What are the characteristics that make a mammal a mammal? What does the mammal look like?
  + How do these characteristics help the mammals meet their needs?
  + Provide 3 pictures of 3 different mammals.
* **Slide 2:** An animal’s habitat refers to the environment that it lives in. Many animals have different environments on earth.
  + Where does a mammal live? Describe a mammal’s habitat.
  + Include 3 pictures of a mammal’s habitat.
* **Slide 3:** Animals live in environments where their basic needs can be met, and they undergo changes and develop adaptations to help them survive. What are some of the mammal’s adaptations? Do their adaptations change over their lifespan?
  + What are some physical adaptations of a mammal?
  + What are some behavioral adaptations of a mammal?
  + Include 3 pictures of a mammal’s adaptations.
* **Slide 4:** Different animal’s life in different environment, depending on the food they eat. Animals also have specialized mouths so they can eat their food.
  + What does a mammal eat for food?
  + How does a mammal get food through different stages of its life?
  + What does a mammals mouth look like?
* **Slide 5:** One of the most important characteristics of living things is that they reproduce. This means that they all have offspring, which means children. Human babies rely on their parents because they cannot feed, clean or care for themselves. However, not all animals provide care for their animals.
  + Describe how a mammal cares for their young?
  + Include 2 pictures that shows a mammal’s parental care.
* **Slide 6: Interesting Facts or Images** 
  + If you would like to include interesting facts or pictures about your mammals, please include them on this slide.
* **Slide 7:** Where did I find my information?
  + Please make sure to keep track of the websites that you use, so that we are not taking credit for information that we did not create ourselves.

**What makes a Bird a Bird?**

* **Slide 1:** What is a bird?
  + Animals have characteristics that help them meet their needs. What are the characteristics that make a bird a bird? How do these characteristics help a bird meet their needs?
  + Provide 3 pictures of 3 different birds.
* **Slide 2:** An animal’s habitat refers to the environment that it lives in. Many animals have different environments on earth.
  + Where does a bird live? Describe a bird’s habitat.
  + Include 3 pictures of a bird’s habitat.
* **Slide 3:** Animals live in environments where their basic needs can be met, and they undergo changes and develop adaptations to help them survive. What are some of a bird’s adaptations? Do their adaptations change over their lifespan?
  + What are some physical adaptations of a bird?
  + What are some behavioral adaptations of a bird?
  + Include 3 pictures of a bird’s adaptations.
* **Slide 4:** Different animal’s life in different environment, depending on the food they eat. Animals also have specialized mouths so they can eat their food.
  + What does a bird eat for food?
  + How does a bird get food through different stages of its life?
  + What does a bird’s mouth look like?
* **Slide 5:** One of the most important characteristics of living things is that they reproduce. This means that they all have offspring, which means children. Human babies rely on their parents because they cannot feed, clean or care for themselves. However, not all animals provide care for their animals.
  + Describe how a bird cares for their young?
  + Include 2 pictures that shows a bird’s parental care.
* **Slide 6: Interesting Facts or Images** 
  + If you would like to include interesting facts or pictures about your bird, please include them on this slide.
* **Slide 7:** Where did I find my information?
  + Please make sure to keep track of the websites that you use, so that we are not taking credit for information that we did not create ourselves.

**What makes a Reptile a Reptile?**

* **Slide 1:** What is a reptile?
  + Animals have characteristics that help them meet their needs. What are the characteristics that make a reptile a reptile? How do these characteristics help the reptile meet their needs?
  + Provide 3 pictures of 3 different reptiles
* **Slide 2:** An animal’s habitat refers to the environment that it lives in. Many animals have different environments on earth.
  + Where does a reptile live? Describe a reptile’s habitat.
  + Include 3 pictures of a reptile’s habitat.
* **Slide 3:** Animals live in environments where their basic needs can be met, and they undergo changes and develop adaptations to help them survive. What are some of the reptile’s adaptations? Do their adaptations change over their lifespan?
  + What are some physical adaptations of a reptile?
  + What are some behavioral adaptations of a reptile?
  + Include 3 pictures of a reptile’s adaptations.
* **Slide 4:** Different animal’s life in different environment, depending on the food they eat. Animals also have specialized mouths so they can eat their food.
  + What does a reptile eat for food?
  + How does a reptile get food through different stages of its life?
  + What does a reptile’s mouth look like?
* **Slide 5:** One of the most important characteristics of living things is that they reproduce. This means that they all have offspring, which means children. Human babies rely on their parents because they cannot feed, clean or care for themselves. However, not all animals provide care for their animals.
  + Describe how a reptile cares for their young?
  + Include 2 pictures that shows a reptile’s parental care.
* **Slide 6: Interesting Facts or Images** 
  + If you would like to include interesting facts or pictures about your reptile, please include them on this slide.
* **Slide 7:** Where did I find my information?
  + Please make sure to keep track of the websites that you use, so that we are not taking credit for information that we did not create ourselves.

**What makes an Amphibian an Amphibian?**

* **Slide 1:** What is an amphibian?
  + Animals have characteristics that help them meet their needs. What are the characteristics that make an amphibian an amphibian? How do these characteristics help the amphibians meet their needs?
  + Provide 3 pictures of 3 different amphibians.
* **Slide 2:** An animal’s habitat refers to the environment that it lives in. Many animals have different environments on earth.
  + Where does an amphibian live? Describe an amphibian’s habitat.
  + Include 3 pictures of an amphibian’s habitat.
* **Slide 3:** Animals live in environments where their basic needs can be met, and they undergo changes and develop adaptations to help them survive. What are some of the amphibian’s adaptations? Do their adaptations change over their lifespan?
  + What are some physical adaptations of an amphibian?
  + What are some behavioral adaptations of an amphibian?
  + Include 3 pictures of an amphibian’s adaptations.
* **Slide 4:** Different animal’s life in different environment, depending on the food they eat. Animals also have specialized mouths so they can eat their food.
  + What does an amphibian eat for food?
  + How does a mammal get food through different stages of its life?
  + What does an amphibian’s mouth look like?
* **Slide 5:** One of the most important characteristics of living things is that they reproduce. This means that they all have offspring, which means children. Human babies rely on their parents because they cannot feed, clean or care for themselves. However, not all animals provide care for their animals.
  + Describe how an amphibian cares for their young?
  + Include 2 pictures that shows an amphibian’s parental care.
* **Slide 6: Interesting Facts or Images** 
  + If you would like to include interesting facts or pictures about your amphibian, please include them on this slide.
* **Slide 7:** Where did I find my information?
  + Please make sure to keep track of the websites that you use, so that we are not taking credit for information that we did not create ourselves.

**What makes a Fish a Fish?**

* **Slide 1:** What is a fish?
  + Animals have characteristics that help them meet their needs. What are the characteristics that make a mammal a mammal? How do these characteristics help the mammals meet their needs?
  + Provide 3 pictures of 3 different fish.
* **Slide 2:** An animal’s habitat refers to the environment that it lives in. Many animals have different environments on earth.
  + Where does a fish live? Describe a fish’s habitat.
  + Include 3 pictures of a fish’s habitat.
* **Slide 3:** Animals live in environments where their basic needs can be met, and they undergo changes and develop adaptations to help them survive. What are some of the fish’s adaptations? Do their adaptations change over their lifespan?
  + What are some physical adaptations of a fish?
  + What are some behavioral adaptations of a fish?
  + Include 3 pictures of a fish’s adaptations.
* **Slide 4:** Different animal’s life in different environment, depending on the food they eat. Animals also have specialized mouths so they can eat their food.
  + What does a fish eat for food?
  + How does a fish get food through different stages of its life?
  + What does a fish’s mouth look like?
* **Slide 5:** One of the most important characteristics of living things is that they reproduce. This means that they all have offspring, which means children. Human babies rely on their parents because they cannot feed, clean or care for themselves. However, not all animals provide care for their animals.
  + Describe how a fish cares for their young?
  + Include 2 pictures that shows a fish’s parental care.
* **Slide 6: Interesting Facts or Images** 
  + If you would like to include interesting facts or pictures about your fish, please include them on this slide.
* **Slide 7:** Where did I find my information?
  + Please make sure to keep track of the websites that you use, so that we are not taking credit for information that we did not create ourselves.

**Checklist**

* Did you share important physical characteristics of your animal?
* Did you explain the animal’s adaptation’s and explain how the animal adapts to its environment so it can survive?
* Did you describe your animal’s habitat?
* Did you identify your animal’s food needs?
* Did you identify your animal’s parental care practices?
* Did you include pictures?
* Did you share interesting facts and images about your animal classification?
* Do you have complete sentences?
* Do you have all words spelled correctly?
* Did you use capitals and punctuation correctly?
* Does it look like your final project showcase your absolute best work?

**If you have checked off all of these boxes, then please share your completed slideshow with Miss Benson! Great work 3/4’s!!!**

**Self- Reflection:**

**Tell me what you think your group did really well on?**

**Tell what challenges your group faced?**

**What would you do differently if you were able to do this project again?**

**Research Project Rubric**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Level**  **Criteria** | **Platinum** | **Gold** | **Silver** | **Bronze** | **Insufficient / Blank \*** |
| **Describe characterisitcs of animals**  **(SLE 1)** | Provides a **comprehensive** description of the animal’s characteristics and basic needs. | Provides a **complete** description of the animal’s characteristics and basic needs. | Provides a **partial** description of the animal’s characteristics and basic needs. | Provides a **vague** description of the animal’s characteristics and basic needs. | No score is awarded because there is insufficient evidence of student performance based on the requirements of the assessment task. |
| **Description Animal Habitat and Adaptations**  **(SLE 6, SLE7)** | Presents a **detailed** description of animal’s habitat and adaptations. | Presents **accurate**  description of animal’s habitat and adaptations. | Presents **general** description of animal’s habitat and adaptations. | Presents **inaccurate** description of animal’s habitat and adaptations. |
| **Identify Food Needs of Animal**  **(SLE 4)** | Describes **compelling** examples of the animal’s food needs. | Describes **thoughtful** examples of the animal’s food needs. | Describes **plausible** r examples of the animal’s food needs. | Describes **questionable** examples of the animal’s food needs. |
| **Identify Parental Care Practices of Animal**  **(SLE 5)** | Describes animal’s parental care practices **thoroughly.** | Describes animal’s parental care practices **accurately.** | Describes animal’s parental care practices, but description is very **general.** | Describes animal’s parental care practice **vaguely** and appears incomplete. |
| **Access and retrieve information**  (C1.1.1) | Accesses and retrieves **significant** and **pertinent** information from a variety of sources. | Accesses and retrieves **meaningful** and **relevant** information from a variety of sources. | Accesses and retrieves **appropriate** and **generally applicable** information from a variety of sources. | Accesses and retrieves **vague** and **trivial** information from few sources. |

**Animal and Animal Habitat Building**

You have a mission to complete… Are you ready for the challenge? Your mission is to construct an animal from your classification group and a habitat that is appropriate for an animal in the classification group that you have been researching.

You can use any materials that are available to you, and bring any craft supplies from home. You will need to do your best work to make sure that you have the correct characteristics of the animal and create a habitat that accurately shows what the animal’s habitat looks like in the real world.

When you are done building your animal and your habitat, we are going to glue our QR codes to our habitat box so that we can show our information of our animal classification group.

When we are all done building we are going to have the opportunity to go around the room and learn all about each animal classification and see the building projects that show an animal and their habitat.

**Rubric for Animal and Animal Habitat Building**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Level**  **Criteria** | **Platinum** | **Gold** | **Silver** | **Bronze** | **Insufficient / Blank \*** |
| **Animal Characteristics and Adaptations**  **SLE 1 and 7** | Provides an **accurate and comprehensive** depiction of the animal’s characteristics and adaptations. | Provides an **accurate, yet complete depiction** of the animal’s characteristics and adaptations. | Provides a **partial depiction and lacks accuracy** of the animal’s characteristics and adaptations. | Provides an **inaccurate and vague** depiction of the animal’s characteristics and adaptations. | No score is awarded because there is insufficient evidence of student performance based on the requirements of the assessment task. |
| **Animal Habitat**  **SLE 6** | Project is detailed and accurately depicts the habitat required for animal to meet its basic needs. | Project is accurate, yet lacks detail to completely depict the habitat required for animal to meet its basic needs | Project lacks detail and gives a basic depiction of the habitat required for animal to meet its basic needs | Project inaccurately depicts habitat required for animal to meet its basic needs |
| **Group Work**  **GLE 3-4** | The assignment was complete. The group did an EXCELLENT job working together and sharing responsibilities. | The assignment was complete. The group worked well together | The assignment was complete. The group may have required teacher intervention to resolve problems. | The assignment was not complete or students had significant problems working together. |
| **Access and retrieve information**  (C1.1.1) | Accesses and retrieves **significant** and **pertinent** information from a variety of sources. | Accesses and retrieves **meaningful** and **relevant** information from a variety of sources. | Accesses and retrieves **appropriate** and **generally applicable** information from a variety of sources. | Accesses and retrieves **vague** and **trivial** information from few sources. |