

## Core Skills Analysis

### English

- The student engaged in descriptive language by recounting their experiences of holding a polar bear skull, lion claw, and hissing cockroach, enhancing their vocabulary related to animals and natural history.
- The interaction with the presenters during the educational session encouraged the student to ask questions, developing their conversational skills and comprehension of spoken English.
- The use of specific animal names and the terminology associated with wildlife (e.g., 'skull', 'claw', 'hissing') allowed the student to practice contextual usage of nouns and adjectives in real-life scenarios.
- The student could write a report or a fictional story based on their adventure at the wildlife park, encouraging creativity and reinforcing narrative structure with a clear beginning, middle, and end.

### Math

- The student learned about measurements by estimating the size of the polar bear skull and lion claw, introducing concepts of length, width, and approximate dimensions in a real-world context.
- They could incorporate counting by tallying how many times they observed certain animals or educational demonstrations during the visit, fostering basic arithmetic skills.
- Understanding group dynamics when counting individuals in attendance also lays the groundwork for basic statistics and data collection practices.
- The activity could inspire a comparison of animal sizes or weights, allowing the student to practice subtraction and comparison, such as determining which animal is heavier or larger.

### Tips

To further enrich the learning experience, parents or teachers can encourage the student to create a scrapbook documenting their visit, including illustrations and notes about the animals they learned about. Incorporating math activities such as measuring the dimensions of animal replicas or practicing data collection from the visit can solidify their understanding. Additionally, a nature-themed project at home, where the student researches and presents information about a specific animal, could enhance both their English and math skills. Outdoor activities, such as visiting a local zoo or nature reserve for hands-on exploration, can also stimulate curiosity and learning further.

### Book Recommendations

- [The Polar Bear Explorers' Club](#) by Alex Bell: An adventurous tale following a young girl who joins an expedition to the Arctic, filled with incredible wildlife and exploration.
- [A Lion's World: The Life and Times of a Lion](#) by D. W. McCoy: A comprehensive guide that introduces young readers to lions, their habitats, and their behaviors, enriching their knowledge about big cats.
- [Hissing Cockroaches: A Kids' Guide to the Fascinating World of Insects](#) by Linda F. Williams: This book engages children with fun facts and vivid illustrations about insects, including hissing cockroaches, enhancing their appreciation of entomology.

### Learning Standards

- English Reading: Understand how to identify the main idea and supporting details (UK National Curriculum Code: EN1).
- English Writing: Use appropriate vocabulary and language techniques to convey meaning (UK National Curriculum Code: EN3).
- Math Measurement and Geometry: Explore and use measurement in practical contexts (UK

National Curriculum Code: Ma3).

- Math Statistics: Collect and organize data to solve problems (UK National Curriculum Code: Ma4).