

## Core Skills Analysis

### Science

- Rihanna learned about local ecosystems and biodiversity by observing various plant and animal species on Ilkley Moor.
- She gained knowledge of the geological features of the area through hands-on experiences like examining different rock formations.
- She understood the importance of conservation efforts after witnessing firsthand the impact of human activities on the environment.
- Rihanna developed her critical thinking skills by forming hypotheses about the ecosystem's balance and testing them during her exploration.

### Geography

- Exploring Ilkley Moor helped Rihanna understand the concept of a moorland ecosystem and its unique geographical characteristics.
- She learned how to use a map and compass effectively for navigation during her trek, enhancing her map reading skills.
- Rihanna gained knowledge of the local history and culture associated with Ilkley Moor, linking geography with human interactions and heritage.
- Her observation skills improved as she identified different landmarks and geographical features within the moorland landscape.

### Tips

To further enhance Rihanna's learning from the exploration of Ilkley Moor, encourage her to create a digital journal documenting her observations, reflections, and newfound knowledge. Additionally, she can engage in citizen science projects related to local ecology and geography to contribute to ongoing research efforts. Encouraging her to collaborate with peers on nature-based art projects or oral presentations can also foster creativity and interdisciplinary learning.

### Book Recommendations

- [The Lost Words](#) by Robert Macfarlane: A beautifully illustrated book that celebrates the wonders of nature and the power of language, inspiring readers to explore and appreciate the natural world.
- [The Explorer](#) by Katherine Rundell: An adventure-filled novel about four children stranded in the Amazon jungle, showcasing themes of resilience, friendship, and exploration.
- [Nature Anatomy](#) by Julia Rothman: A visually engaging book that delves into the intricacies of nature, from anatomy to ecosystems, sparking curiosity and curiosity in young readers.