

## Core Skills Analysis

### Science

- Ella learned that the sun appears to rise and set because of the Earth's rotation.
- She understood that the Earth rotates on its axis once every 24 hours and this rotation causes day and night.
- Ella grasped the concept that different parts of the Earth experience day and night at different times due to rotation.

### Geography

- She discovered that locations closer to where the sun is directly overhead experience daytime, while places farther away are in night-time.
- Ella learned about time zones and why they exist.
- She understood that the Earth is divided into imaginary lines of latitude and longitude to help understand day and night differences.

### Tips

To enhance Ella's learning on the sun and how day and night occur, you can encourage her to observe the sun at different times of the day, create a simple model showing the Earth's rotation causing day and night, and explore how day and night cycles affect different parts of the world.

### Book Recommendations

- [The Sun Is My Favorite Star](#) by Frank Asch: This book introduces children to the concept of the sun as a star and its importance for life on Earth in a simple and engaging way.
- [What Makes Day and Night](#) by Franklyn M. Branley: A beginner's guide that explains the science behind day and night with colorful illustrations suitable for 8-year-olds.
- [Me and My Place in Space](#) by Joan Sweeney: This book connects the concept of day and night with Earth's position in space, providing a broader understanding for young readers.