

## Core Skills Analysis

### Science

- Understanding the concept of temperature and its measurement.
- Learning how to correctly use a thermometer by placing it under the tongue, armpit, or rectally, depending on the type of thermometer.
- Recognizing normal body temperature range (approximately 98.6°F or 37°C) and what variations might mean.
- Exploring the influence of external factors (like exercise or illness) on body temperature.

### Health

- Identifying the importance of monitoring body temperature as a health indicator.
- Understanding when a fever is present and what it might signal about one's health.
- Learning the proper techniques to take a temperature to ensure accuracy.
- Recognizing when to seek medical attention based on temperature readings.

### Mathematics

- Developing skills for interpreting numerical data displayed on the thermometer.
- Learning how to compare body temperature readings by calculating differences between normal and elevated temperatures.
- Using basic math skills to convert temperatures between Fahrenheit and Celsius if needed.
- Understanding the concept of averages by potentially recording multiple readings over time.

### Tips

To enhance learning, students could explore further by comparing their body temperature with others under different conditions, such as before and after physical activity. They might also improve their understanding by discussing why certain temperatures might indicate sickness or wellness. Additionally, students can learn about the science of fever and the immune response to comprehend the body's reaction to illness better.

### Book Recommendations

- [What's the Temperature, Mr. Wolf?](#) by Jeanette Rowe: A fun and engaging story to teach children about temperature through the adventures of Mr. Wolf.
- [Fevers: How Do You Know When to See a Doctor?](#) by Kelly Doudna: An informative book that illustrates what fever is and when to seek medical help, tailored for young readers.
- [The Magic School Bus: Inside Ralphie](#) by Joanna Cole: Join Ms. Frizzle and her class as they explore the science of temperature and the human body in this exciting Magic School Bus adventure.