

## Core Skills Analysis

### Art and Design

- The student engaged in creative problem-solving by identifying unusual items from around the house that could serve as components for her fidget board.
- Through the physical act of assembling the fidget board, the student practiced her fine motor skills and hand-eye coordination while using tools like glue.
- She demonstrated artistic expression by designing her fidget board layout and selecting colors and textures that appealed to her.
- The process encouraged her to think critically about aesthetics and function, as she had to balance both aspects in her creation.

### Science

- The activity involved an application of basic physics when considering how different materials would interact and function together on the fidget board.
- She experienced firsthand science through experimentation as she utilized glue to adhere items, learning about adhesion and materials.
- The incident with the burn provided a practical scenario to understand heat and safety, prompting her to look into the physical effects of temperature on skin.
- By referencing her first aid book, she learned about injury prevention and basic treatment, connecting real-world experiences with scientific concepts.

### Health and Safety

- Reading from the first aid book allowed the student to gain knowledge about burns, recognizing the importance of treating injuries responsibly.
- The incident served as a vital learning moment about kitchen safety and the potential hazards of using hot glue, encouraging discussions about precautionary measures.
- She developed an understanding of the significance of seeking help and information after experiencing an injury, reinforcing the importance of self-care.
- This experience may lead to a broader discussion on the necessity of following safety protocols in hands-on activities.

### Math

- The student may have employed measurement skills while planning the dimensions of her fidget board and arranging items evenly.
- By estimating the weight and size of the items she collected, she practiced basic math skills related to comparing quantities.
- When considering how many items to attach or where to place them, she was making decisions that require spatial awareness and logical reasoning.
- Organizing her materials could involve some basic math concepts, such as sorting and classifying items based on their properties.

### Tips

To enhance the child's learning experience, I suggest integrating more structured exploration into the next project, such as encouraging her to sketch out her ideas before starting the crafting process. Additionally, introducing basic principles of engineering could solidify her understanding of construction and design. It may also be beneficial to have brief discussions about safety each time a new project is undertaken, reinforcing the importance of making safe choices when working with tools and materials.

## Book Recommendations

- [The Art of Fidgeting: Create Your Own Fidget Toys](#) by Jenna Sparks: A hands-on guide encouraging kids to explore their creativity and make their own fidget toys from everyday materials.
- [First Aid: Learning About Safety](#) by Lara Scott: An informative book that teaches children about basic first aid principles in an engaging and accessible manner.
- [Crafts for Kids: Fun and Simple Projects](#) by Rachel Green: A collection of easy-to-follow craft projects that inspire kids to create with common household items.