

## Art

- The student explored the concept of architectural design through creating the layout and design of the hospital building.
- They used color and shape to represent different rooms and sections within the hospital, demonstrating an understanding of visual communication.
- The student incorporated elements of interior design to make the hospital appealing and functional, considering the aesthetic and practical aspects of the space.

## English Language Arts

- The student practiced descriptive writing by providing explanations for each area and function within the hospital design, enhancing their ability to effectively communicate ideas through written descriptions.
- They developed their vocabulary as they researched and identified specific medical terminology and definitions related to the different departments and facilities within the hospital.
- The student engaged in persuasive writing by justifying the inclusion of specific facilities or equipment within the hospital design, providing detailed reasoning and arguments for their choices.

## Math

- The student applied mathematical principles when calculating the dimensions and proportions of the hospital building, ensuring that the design maintained appropriate scale and functionality.
- They used measurement and geometry skills to accurately represent the rooms, corridors, and facilities within the hospital layout, demonstrating an understanding of spatial relationships and precision.
- The student utilized budgeting and cost estimation to determine the financial aspects of the hospital design, considering the expenses associated with construction, equipment, and maintenance.

## Science

- The student gained insight into the medical field by researching and incorporating knowledge about different medical departments, equipment, and facilities commonly found in hospitals.
- They explored the principles of anatomy and physiology to understand the spatial requirements and specific needs of various medical spaces, such as operating rooms, patient wards, and diagnostic areas.
- The student investigated the importance of safety and infection control measures within the hospital design, considering scientific guidelines related to hygiene, ventilation, and patient care.

Encourage the student to further develop their creative skills by exploring real-world hospital designs, interviewing professionals in architecture and healthcare, and participating in community projects that involve creating functional and appealing spaces for the benefit of others.

## Book Recommendations

- [The Building Boy](#) by Ross Montgomery: This book explores the theme of creativity in building while incorporating elements of adventure and imagination.
- [How to Build an Insect](#) by Roberta Gibson: This book delves into the science of insect biology and anatomy, offering insights into structure and design elements related to living organisms.
- [The Great Hospital Adventure](#) by Lily Murray: In this book, children can embark on a journey

through a hospital, learning about the various roles and environments within a medical facility.

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