



# Math and Science Tutor

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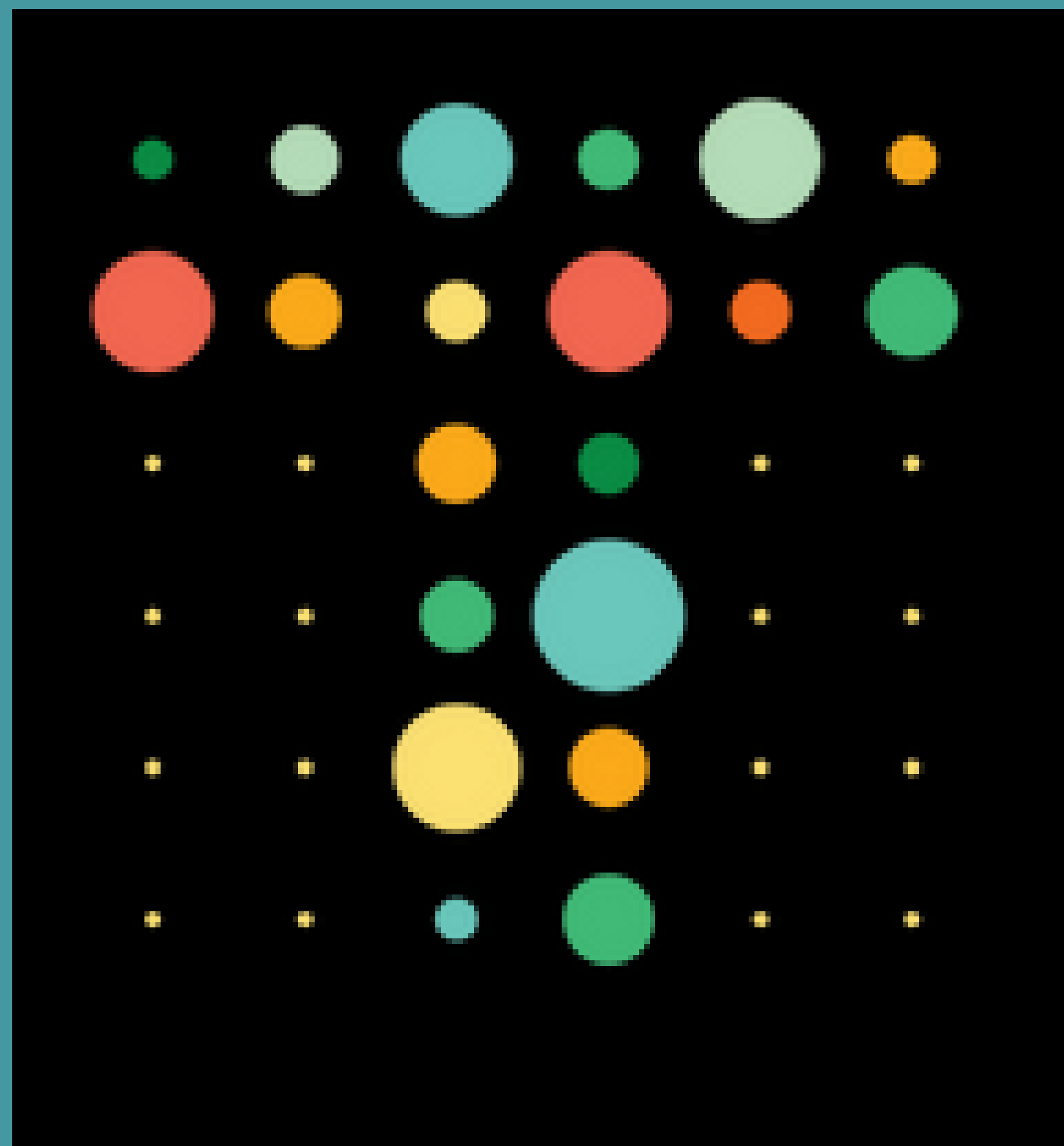
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## Introduction

My practicum included tutoring students from grades 1-12 in crucial STEM topics like Math and Science and helping them develop a deep understanding of key concepts. I was a tutor at Tutorly from August 2020 – August 2021.



## Activities:

- Hosted online tutoring sessions through Zoom three times a week.
- Guided students through challenging mathematical and scientific concepts including Algebra, Geometry, and Singapore math.
- Prepared lesson plans for students, assigned weekly homework, and created quizzes and tests.

## Impact and Challenges:

Through this experience, I learned the importance of having a strong understanding in STEM topics from a young age. My youngest student was a third grader, which came with a few challenges. At first, it was difficult to motivate her to complete her homework and keep her fully engaged during lessons. In addition, it was important to keep the lessons fun and interesting as young kids have a short attention span. I met these challenges with interactive math games and Math Minute worksheets. My oldest student was a ninth grader who was dedicated to the lessons and eager to improve his mathematical skills. I realized the importance to ensure young students have a strong foundation in mathematical and scientific concepts to succeed in further classes.

## Site Information:

Tutorly

Hari Deevi and Nanki Grewal

The goal of Tutorly is to bring authentic, fun, and engaging learning to the table and plant the seeds of curiosity and lifelong learning.

Tutorly supports students through personal tutoring, homework help, exam preparation, or unfamiliar coursework for upcoming classes.



## Issues Confronting Site:

Since the tutoring session was through Zoom, the site was quite accessible. Some students had trouble attending a few sessions due to extracurriculars. These sessions were easily made up due to the convenience and flexibility of online tutoring.

## Future Work:

Through this experience, I have developed a great appreciation for educators in STEM and a passion for teaching Math and Science. Having a great interest in Math and Science, I have always been eager on sharing my knowledge on these subjects and helping students reach their potential. I hope to tutor in the future and expand my understanding of STEM with various interactions.

## Acknowledgments:

Thank you to Hari Deevi and Nanki Grewal for guiding me throughout this experience and providing me with the necessary resources to facilitate online tutoring. I would also like to thank my students for their hard work and motivation. Special thanks to Dr. Merck and Dr. Holtz for all their help and support throughout the College Park Scholars Program.

