Cover Letter

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Title of Submission: “Quantum Teleportation and Magic”
Link to Submission: https://youtu.be/zFT2eSXsWuc

Description:

Why are students so fascinated by Harry Potter? The reason is that it is full of magic and mystery. The magical fantasy world created by J. K. Rowling encourages students to explore with their own imaginations. I have heard news stories talking about how students, especially those in grades K-12, dream about receiving a Hogwarts acceptance letter and learning the magical power which can be used to change the world. Similarly, I believe that a good science teacher should always think like a magician to guide students into the magical science world and let them experience the beauty of science.

As a magician who has been performing magic for five years, I enjoy bringing happiness and excitement to others. I regard magic not only as an effective tool for entertaining but also as a method to stimulate the curiosity and imagination of others. This aspect of magic also inspires me to think of ways of taking advantage of magic and integrating it into class. When I used the floating table trick to demonstrate how to defy gravity for elementary school students, I was amazed by how motivated the students were to explore the reason behind the trick and learn how to defy gravity (https://youtu.be/2hPxTZ2fqYM). Using magic not only got students engaged but also helped them form a deeper understanding of the concept itself. I still remember how excited they were and kept talking about anti-gravity and asking me questions even after the class. This experience inspired me to use magic to bring abstract science concepts to students.

For this activity, I made this video so as to explain quantum teleportation to students (https://youtu.be/zFT2eSXsWuc). I am not only demonstrating this concept with magic but also using magic to explain the related scientific process. The purpose of this video is to bring quantum science closer to students and raise their interests in pursuing a deeper scientific exploration. I hope I can receive some feedback through this activity. Thanks for watching and reviewing my video.