

All in the Name of Science

Barbie and Ken bravely bungee jumped to help the Kaleidoscope classes learn more about Physics. As the students designed their bungee cords, they had to consider:

- The size of the jumper
- What type of rubber bands to use?
- The length of the bungee



As their first jumper was released, gravity pulled Ken down. As he was falling, air resistance presses against the jumper. The faster the fall the more the resistance. Then finally, the spring force of the cord lifts Ken back up. The farther the fall the more it pulls on the bungee jumper.

As usual Barbie is all “dolled” up for the occasion proving you can be fashionable, smart and daring.

Mrs. Kolonoski shared information regarding the Vanuatu Tribe which jumps from bamboo towers with vines tied around their ankles. This is their sacrifice to the gods for a good harvest. The higher the jump, the greater the sacrifice. The tribe has been doing this ritual long before bungee jumping was even created.

Thank you Mrs. Kolonoski for sharing this most enjoyable science lesson.

