

Barbie Bungee Checklist

For your Barbie Screencast you should include all of the following:

1. Introduce yourself
2. Tell how many rubber bands were used to for Barbie to fall within the half meter distance to the ground.
(Be sure to use your Excel data table and graph to help explain how you came to your conclusion.)
3. Tell what the spring constant is of your rubber band bungee. Be sure to discuss the calculations you performed. Include talking about the formulas and how you substituted in the values to get your answers. Also walk us through the conversions you had to do for the calculations. Use your diagram of the bungee jump to help support where your numbers for your calculations came from.
(Be sure to show the slow mo video during this portion when you mention how you got Barbie's height off of the ground when the bungee was fully stretched.)
4. Keep your screencast to less than 5 minutes.
5. Save your Barbie Screencast with the name: *FirstName LastName Period# Barbie* on your computer.
6. Upload the video to your Google Docs account.
7. Share the video with your physics teacher.
8. Do not email your video to your physics teacher. Do not email your video to your physics teacher. Do not email your video to your physics teacher.