

**CLEAPSS challenges your children to build a device no higher than 1 m tall which keeps a solid glass marble in continuous motion for the longest time possible before it reaches the floor.**

**Entries will be judged on:**

- Length of time that the rolling marble takes to reach the ground
- Elegance and innovation of the design
- Compactness of the structure

**You will need to submit:**

- A3 poster showing the design of the device with annotations that explain how it works
- Photographs of the device (these could form part of the poster)
- A movie showing the device in action with the marble's descent being timed



**Things to remember:**

- Marble size must be 13-16 mm diameter
- Continual motion - your marble may pause at any time for up to 1 second during its transit but no longer
- To time and record the marble's descent, start the timer as the marble launches to the run and stop the timer when the marble touches the floor/desk. Submit movie clip on a data stick

**Fantastic prizes:**

- The winning school will receive an exciting whole school science roadshow visit funded by Primary Science Teachers Trust (PSTT). Enjoy a day of science from Bristol ChemLabs <http://www.chemlabs.bris.ac.uk/outreach/>
- Science equipment and resources for your school funded by SciChem
- Trophies, goodie-bags and certificates for the winning children presented in special assemblies
- Free attendance at the primary days of the ASE annual international conference January 2018 for winning teachers and head teachers



**Open to children in 3 categories: Y1 & 2, Y3 & 4 and Y5 & 6.**

Don't miss this great opportunity to get creative and practical!

**Max group size:  
5 children**

Look for **primary marble competition** on the CLEAPSS website [www.cleapss.org.uk](http://www.cleapss.org.uk) for full details, rules and application form. Look at **CLEAPSS marble run** on Youtube for a video of some designs we have tried!!

**To enter the competition your school must be a member of CLEAPSS.**

**Entries must be accompanied by an application form available from the CLEAPSS website: [www.cleapss.org.uk](http://www.cleapss.org.uk)**

**CLOSING DATE FOR ENTRIES IS TUESDAY 18TH JULY 2017**