



## Agenda Day 2: Forces

Time	Session
9.00 -9.30	Coffee & registration
9.30 – 9.45	Introduction & Practical Prompt for Thinking
9.45 – 10.15	Which shoes have the best grip? Higher Order Thinking (HOT) and focused recording
10.15 – 10.45	The science of forces, Give me a pull Practical Prompt for Thinking
10.45 – 11.10	Coffee
11.10 – 11.45	Marble maze: Problem solving and learning objectives
11.45 – 12.05	Sharing of good practice
12.05 – 12.35	Higher Order Questioning The Bright Ideas Time: The HOT question
12.35 – 1.20	Lunch
1.20 – 1.55	Paper helicopters: Focused recording
1.55 – 2.15	HOT and interpreting graphs
2.15 – 2.30	Practical Prompt for Thinking The science of falling
2.30 – 2.50	Investigating levers
2.50 – 3.00	Investigating pulleys
3.00 – 3.15	More examples of forces practicals
3.15 – 3:30	Plenary & Gap task

### Gap task:

- Try at least one HOT Question in your classroom,
- Note some children's responses (these will be verbal so think about how to capture some examples),
- Reflect on how it went: e.g. in terms of learning, participation, engagement, behaviour, opportunities for elicitation, etc.