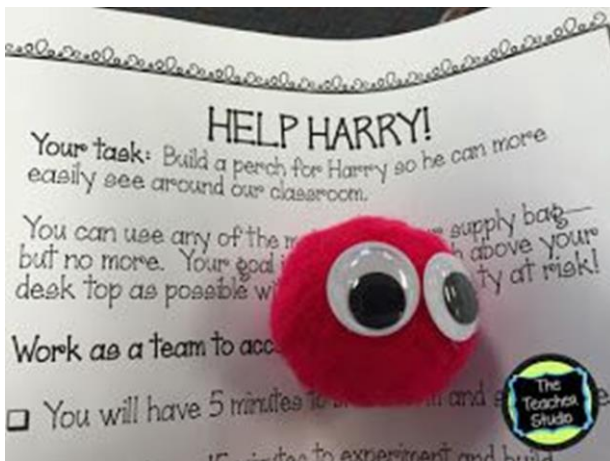


STEM

Reception to Year 2 Rooms 1 and 6

- How does it fly?
- Using forces for movement
- Sustainable energy – wind power
- Build a robotic hand
- From seed to seedling
- Creating with Makedo
- Sorting and presenting data as pictures graphs
- Follow a sequence of steps to solve simple problems
- Learn to code
- Bee-bot programming



Year 5-7 Pods 1 and 2A

- Robotics – build a Lego draw bot
- Sustainable energy sources – using wind energy to provide propulsion and lift
- Recycling – What is it? What happens to our waste products? How can we better our efforts to reduce waste?
- Simple electrical circuits
- Online safety
- Invention time-line
- Creative ways to represent data
- Research task – famous inventors, what can we do with e-waste?



Year 3/4 Room 12

- Sustainable energy sources using wind energy to provide propulsion and lift
- Design and make a simple motor
- Simple circuits
- Robotics – build a Lego draw- bot
- Unplugged coding activities
- Build a robotic hand

