

JuniorSTEM Workshop ~ Year 6

<https://www.juniorstem.co.uk/> ~ Nick Hawken

On Friday 30th November, Year 6 took part in a workshop that built upon the skills they have been learning since September. STEM means that the children had to use their scientific, technological, engineering and maths knowledge to achieve their goal!

First, they had to follow instruction manuals to build moving creations from Lego bricks. They then had to learn to program these little Rovers using a picture based programming language. The Rovers were racing about across the table before long! On top of that, they learned how to use a motion sensor so that the Rover would start and stop if it detected movement.



Following the manual to create the Rovers in Pumas class.



Using the tablets to program the Rover in Panthers class.



Making the motion sensor work!

The children had a brilliant time exploring the Rovers and seeing what they could make them do. We had flashing lights, robots that learned to stop at each end of the table and even robots that spoke to us. I was really impressed with everything that was created!

Lots of children were keen to explore these skills after the workshop. The link at the top of the page will show you more about this fantastic experience.