**IET First LEGO League - SAGE Regional Tournament**

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Over the past few months, 30 pupils across the three 6th classes have been working towards competing in the IET First Lego League competition.

The theme this year was “***City Shaper”***. Our pupils have been working together in teams of ten to complete challenges using robots that they programmed by themselves.

Pupils also came up with innovative solutions to problems they saw in the local community such as:

* traffic jams
* not enough youth clubs
* and people getting delayed when the train gates at Coolmine close to let the train pass.

The Lego league final took place in Stillorgan on Wednesday 15th January. Each team worked together to set up their stations to display all their hard work. On the day, there was a brief introduction and then pupils took turns to present their projects to the judges.

The competition was judged in four parts

A) The Robot Game

B) Innovation

C) Core Values

D) Robot Design

Before we knew it, it was lunch time. After lunch, the robot games began. Each group played three rounds at the robot games. We all cheered for our teams. Pupils also had the opportunity to discuss the core values they demonstrated when working with their team. Finally, after a long and exciting day, the judges announced the winners, and we were delighted to hear that a group from our school won an award! We also got a certificate for our school for taking part in the competition. We were delighted to take part in this competition and we would like to thank SAGE for their sponsorship of this event together with IET (Institute of Engineering & Technology). Thanks also to Simon Bell from SAGE who visited our class to give us some advice on our project.