Hello, sir/ma'am,

I am Anirudh Vempati, grade 7 of Unicent school.

I'd like to provide the following article for the NIE paper: -

Robotics

Robotics is a ubiquitous term, but it may be a little difficult for kids to understand. The "Arduino" microcontroller board allows you to combine a variety of fascinating components, like touch sensors, light sensors, motion sensors, LEDs, bulbs, motors, and many more. There are several Arduino models, such as Arduino Nano, Arduino Uno, and Arduino Mega. Arduino makes making robots much too easy and more fun for kids, and if you have any questions, just ask one of the many Arduino users on the Arduino website. Building a cool project using Arduino involves the following three steps: IMAGINE, ASSEMBLE, and CODE. Arduino was first invented in Italy by Massimo Banzi. There is a software to program an Arduino called “Arduino IDE”. The Arduino contains a chip called ATmega this chip varies with the version of Arduino you have. C++ language is used to program Arduino. There are some websites and apps through by which we can “block code” Arduino. So be the young Inventor you want to be with Arduino.

by Anirudh Vempati

