ERC ROBOTICS CLUB

AIM: To facilitate development of creative and technological thinking in talented students while providing a fun environment for this development. Talented students will reach their potential by being allowed to experiment in a conducive environment with support rather than teacher directed instruction.

DETAILS: There will be a limited number of participants, dictated by the number of supervisors and equipment. Parents are warmly invited to help during club afternoons and at competitions.

Students are invited into the club on the basis of the following selection criteria:
A) Recommendations by Special Education Department
B) Recommendations by Pastoral Care Coordinators / teachers
C) Past experience with ICT and Robotics
D) Attendance at all training sessions

Membership is only for the specified period. Students may not get a membership the following year, in order to allow new students a chance to participate. Students not following the rules of the club can be asked to leave at any time during the year.

The Robotics Club uses LEGO Mindstorms robotics system, focusing on building and programming robots using EV3 programmable bricks and LEGO Mindstorms programs. Robots may be constructed to fulfil intra-club challenges, the RoboCup competition (http://www.robocupjunior.org.au/), the First Lego League (FLL) competition or special projects proposed by the members.

The Robotics Club facilitates competitions and challenges involving LEGO robotics. The goal is the advancement of robotics, encouragement of teamwork and friendship, exchange of ideas, exhibition of accomplishments, and development of an ongoing interest in robotics within members.

WHEN: The Robotics Club will meet each Thursday (Week A) and Friday (Week B) from 2:05pm-2:55pm in Room C12, commencing Week 3A. Students are required to make their own transport arrangements home from school and may catch the 3.00pm Premier Illawarra bus from school into Wollongong to connect with service buses.

COST: A fee of $20 will be charged for each term. Payment for Term 1 is to be made to Mr Milner by Week 4. This fee is to cover the cost of competitions, materials and replacement of worn out equipment.

ROBOTICS CLUB RULES:
- Students will be responsible for all equipment allotted to them. They are to check their equipment at the beginning and end of every session and return their box to the cupboard. No equipment is to be taken from other members’ boxes without permission. Equipment that has not been allotted is to be shared by all students. No robotic equipment is to be taken home without teacher’s permission.

ROBOTICS CLUB PERMISSION SLIP – please complete and return to Mr Milner by Week 4
I give permission for my son __________________________________________ to attend Robotics Club on Thursday (Week A) and Friday (Week B) from 2:10–2:55pm.

Details of transport home:________________________________________________________

Signed: ___________________________________________ Parent/Carer Date:____________