Learning Enrichment & Achievement Program

The Learning Enrichment & Achievement Program has been established at Tambrey PS for seven years and is designed to enrich and extend students beyond what they might experience in the classroom.

2023

Mathematics Competitions

Schools from the City of Karratha competed in the annual Have Sum Fun face to face mathematics competition held at Karratha Senior High School. The Have Sum Fun mathematics competition is a mathematics initiative that uses a quiz-night format. Teams of six students race against the clock to solve four intense rounds of eight challenging problems. Tambrey PS was represented by two LEAP teams. Competition was fierce with Tambrey PS taking second and third place.

Some of our year 4 LEAP mathematics students competed in the Maths Challenge for the first time. Over three months, students worked on the math challenges earning two distinctions and two credits.

Junior LEAP students competed in the Mathematics Association of WA Have Sum Fun Online Competition for the first time. The year 3 Mathematicians team ranked 2nd out of 45 schools and received gift cards and certificates as prizes.

Senior LEAP mathematics students participated in the Australian Math Competition and the Have Sum Fun Math online tournament. In the Australian Math Competition students received 2 certificates of distinction & 7 certificates of credit.

LEAP Courses

Story Books

LEAP students from years 2-6 wrote stories, created illustrations and made story and picture books for The Make Your Own Story Book Competition. These books were displayed on LEAP Open Night and were then placed in the library for students to enjoy.

Micro:bits

LEAP students from across the school participated in a course on micro:bits. Students learnt how to program a micro:bit before defining a real-world problem and developing an algorithm to solve it. A guest speaker from SciTech visited and helped students to trouble shoot problems they were having with their code. Parents enjoyed learning how to code a micro:bit on LEAP Open Night.

Microplastics

Year 1 and 2 LEAP students were involved in a course on microplastics. They learnt about the sources of microplastics, how microplastics affect animals and ways to reduce the use of microplastics. Students then used Scratch and Makey Makey to create a talking microplastics poster.

LEAP Courses continued...

Drama
All year 3 students travelled to the REAP to watch Cicada which was performed by Barking Gecko Theatre. They then had a fun filled drama workshop with Barking Gecko artists. LEAP students in year 4-6 also had an opportunity to participate in these drama workshops. Everyone had so much fun.

3-Dimensional Shapes
Year four LEAP mathematics students created cities using 3-dimensional shapes. They had to create their own nets for their 3-dimensional buildings, work out the area of each building and calculate the total population of each city. Students then had to plan a bus route around their city which their parents had to read and follow on LEAP Open Night.

3-Dimensional Printing
Senior LEAP students had the opportunity to participate in a 3-dimensional printing course. Students learnt about how technology is replacing jobs and the social, ethical and legal issues around 3-dimensional printing. They had a visit from Rio Tinto where students drove a 3D printed robot and learnt about how technology had changed jobs in industry. Students learnt how to use Tinkercad before designing and printing nametags. Parents enjoyed trying to design in Tinkercad on LEAP Open Night.

Lino Printing
During term 4 senior LEAP students were introduced to lino printing. Students studied some famous print artists before creating mood boards using the theme Australia. They used the mood boards as inspiration for their lino printing. Students learnt about negative and positive space and how to use the etching tools on lino. They then transferred their sketches to lino and carved them before using ink to create incredible prints.

SciTech Mitsui Future Computing
As a continuation from 2022, LEAP students participated in the SciTech Mitsui Future Computing Program. They learnt python coding in Digital Technologies before travelling by bus to St Paul's Primary School and participated in coding challenges run by Lucas Black from SciTech.