

Canning Vale Primary School

Whole School Approach - ICT

2016 - 2017



Whole School ICT Targets

Students:

- Increase the percentage of students in Years 2 – 6 with a touch typing speed of 10 words per minute (using XXX)
- Increase the percentage of students in Years PP – 6 who demonstrate skills and understanding of managing, operating and applying [that is creating, investigating and communicating] ICT (in line with the school's scope and sequence)
- Increase the percentage of students in Years 1 – 6 who can effectively use (in context) aspects of Microsoft Office suite (in line with the school's scope and sequence).
- All students (at their developmentally appropriate level) demonstrate ethical use of ICT.

Staff: All staff will implement ICT as a general capability using the school's scope and sequence

- All staff will have the necessary skills and knowledge to effectively
 - Embed ICT into their daily routines to enrich all learning areas
 - Build student ICT skills as described in the school's scope and sequence
 - Establish and maintain engaging, safe and challenging learning environments
 - Make learning fun, relevant and personal for all students
 - Teach for understanding and make relevant connections across curriculum areas
 - Use ICT in the teaching, assessment and professional learning
 - Critically reflect on their practice
 - familiar with the re competent users of the Microsoft Office suite.

School:

- Will provide iPads and workflow software to K & PP classrooms
- Will provide all students with access to reliable technology every day.
- Will provide iPads and workflow software to students with special needs

Strategies

- All students will set a SMART ICT goal (2017).
- ICT skills and concepts will be explicitly taught each day in each class – including the identified essential learning points from the school's scope and sequence.
- Staff will reinforce the use of school policies regarding the presentation of written work.
- Students will be able to demonstrate and explain the methods they use to solve mathematical problems.
- Basic number facts, mental calculation ([Blake](#)) ([FSiM](#)) and problem solving strategies ([Problem Solving](#)) will be explicitly taught.
- Staff will refer to the First Steps in Mathematics strategies and Key Understandings in conjunction with the [Australian Curriculum](#) and Queensland Studies Authority materials.
- Classrooms will contain maths environmental print including;
 - Maths vocabulary ([Maths Vocabulary](#))
 - Problem solving strategies
 - Mental Calculation Strategies
- Staff will stream maths groups in selected year level and aspects.
- Staff will differentiate the curriculum to address student needs.
- Staff will develop Individual and Group Management Plans to address student needs.
- Staff will use ICT – Mathletics and calculators in all classes with Mathletics to be set as part of the homework program. It is used as a planning and assessment tool and provides resources for classroom teachers (electronic and paper)
- Staff and students will use Maths Reflections to demonstrate children's learning and understanding of concepts – this can be done orally, pictorially or in written form – individually, group or as a whole class.
- CVPS Maths Week replaced with English activities in 2015.

Data Collection and Planning

- Staff will use NAPLAN, EARS and First Cut data analysis as part of their planning process – backward mapping of data analysis and planning for improvement in years 1, 2, 4 and 6.
- Deficiencies highlighted from 2015 NAPLAN test analysis will be addressed ([NAPLAN](#))
- On Entry Testing PP
- Common Assessment Tasks in Year Levels including MTS summative testing in Term 4 (PP – 6)
- Westwood One Minute Maths Test (February and December)

Resources

- Staff will have access Maths Curriculum Leaders and Maths Lead Teachers for support, planning, resources and professional learning.
- Each year level will have a Lead Mathematics Teacher who is involved in data analysis and whole school.
- Staff will have access to professional learning from both internal and external sources. (school funded)
- Staff will have access to ESL teachers and assistance.
- Staff who attend professional learning are required to feedback to staff - linked to the Australian Curriculum.
- Common D.O.T.T. will be allocated to year level teachers for moderation and planning.
- Parent involvement in classrooms and school events will be encouraged and promoted.
- Maths Budget (D5105) for the ongoing purchase of materials and resources to support whole school strategies
- Mathletics is purchased for 1 - 6 for use in the classroom and homework.