Rationale

The Technology and Design learning area equips learners to apply knowledge, experiences and resources purposefully to critique design and make products, processes and systems. These are created to effectively either solve a problem or meet a need. Some examples of current technologies include medical procedures, housing, household products and appliances, electronic equipment, tools, recreation and leisure products, fads and children's toys.

Technology and Design is taught within a context that enables learners to acquire an understanding of the role of technology and design in the world and of the effects that specific technologies or processes have on society and the environment. The Technology and Design learning area also develops student skills in creating and communicating ideas, and in solving complex and varied problems.

Aims

In the Technology and Design learning area, it is intended that students develop:
- A systematic and creative approach to generating technological solutions
- The knowledge and skills necessary for using a variety of equipment and resources
- An understanding of the principles for safely using materials and operating equipment
- The ability to explore and assess the past and potential consequences of using technology
- Self-confidence and self-sufficiency in dealing with technology
- An ability to develop problem-solving skills within real contexts.

Implementation
- All learners at our school will study a sequential Technology and Design course based upon the outcomes contained within the NT Curriculum Framework.
- All teachers will be provided with a personal copy of the NT Curriculum Framework and are encouraged to work with their team teachers, to develop and implement a joint Technology and Design unit for all students based on the critiquing, designing and producing phases of problem solving.
- Learning opportunities must be provided that cater for the identified needs of each learner.
- Learner's progress in Technology and Design will be reported in academic reports and evidence of learning will be included in the student's Evidence of Learning Folders.

Evaluation

This policy will be reviewed as part of the school's three-year review cycle or as required.
This policy will be published on the St Mary's Catholic Primary School website.

Review/Ratification

Year of review	SIRF Committee Responsible	Ratified By / Date (Month/Year)
2012	Leadership	School Board – November 2016
2019	Teaching and Learning	

Next Review: 2019

LINDSAY STREET, DARWIN NT 0800
GPO BOX 2413, DARWIN NT 0801

Learning in Faith & Love

T: (08) 8981 9796 F: (08) 8981 5286
E: admin.stmarys@nt.catholic.edu.au
W: www.stmarysnt.catholic.edu.au