



## Contents

1. LOCATION .....	3
2. STAFF CONTACT DETAILS .....	3
3.	

## **1. LOCATION**

Faculty of Arts, Design & Architecture  
School of Education  
EDST6784 Science and Technology (6 units of credit)  
Term 2 2021

## **2. STAFF CONTACT DETAILS**

Course Convenor:	John Johnstone
Email:	TBC
Availability:	Post course enquiries on the course forum. Use email for confidential communications.

## **3. COURSE DETAILS**

### **SUMMARY OF THE COURSE**

This course entails understanding of the syllabus, curriculum planning, appropriate assessment strategies, classroom management and development/selection of activities and resources relevant to the teaching of science and technology in the primary school classroom. Students will engage in evaluation and selection/development/evaluation of activities and resources relevant to the teaching of science and technology in the primary (K-6) classroom.

## STUDENT LEARNING OUTCOMES

Outcome	Assessment/s	
1	Demonstrate awareness and understanding of appropriate ways to harness children's natural curiosities and their sense of wonder, and develop interest and enthusiasm for science and technology.	1, 2
2	Demonstrate how the skills, knowledge and understanding of syllabus documents relate across strands and sub-strands for all Stages.	1, 2
3	Demonstrate ability to critically examine and evaluate relevant research and pedagogies to enable primary-aged students to engage and learn the skills and concepts of science and technology effectively.	1, 2
4	Demonstrate understanding of the nature of science as well as knowledge of areas of scientific and technological content	1, 2
5	Demonstrate understanding of why ICT is integrated with science and ability to integrate it into Science and other KLAs effectively.	1, 2

## NATIONAL PRIORITY AREA ELABORATIONS

---

Priority area

Assessment/s

## 6. COURSE CONTENT AND STRUCTURE

This unit of study involves a 6-week program. This is an *indicative* topic schedule/reading plan. Refer to Moodle for the most current schedule and readings. Throughout the course, the content *may* change to be adapted to the students' learning needs and interests.

---

Module	Topic
1	<p><b>Introduction to the structure and organisation of the <i>Science and Technology K-6 Syllabus</i></b></p> <p>Unpacking the integration of pedagogical approaches of Science and Technology. Overview of inquiry questions and focus questions.</p> <p><b>Readings and resources</b></p>









**UNSW SCHOOL OF EDUCATION  
FEEDBACK SHEET  
EDST6784 Science and Technology (K-6)**

Student Name:

Student Number:

Assessment Task 2: **Design and production**

SPECIFIC CRITERIA	(-) <span style="font-size: 2em;">→</span> (+)				
<b>Understanding of the question or issue and the key concepts involved</b> <ul style="list-style-type: none"> <li>Design and Production folio is comprehensive</li> </ul>					
<b>Depth of analysis and/or critique in response to the task</b> <ul style="list-style-type: none"> <li>Use of literature and clear links to the syllabus to justify choices</li> <li>Uses learning from investigation activities to inform design solutions</li> <li>Develops an informed design solution</li> </ul>					
<b>Familiarity with and relevance of professional and/or research literature used to support response</b> <ul style="list-style-type: none"> <li>Appropriate research references to support responses</li> <li>Sound range of research references</li> </ul>					
<b>Structure and organisation of response</b> <ul style="list-style-type: none"> <li>Logical and coherent structure (see template for requirements)</li> <li>Clear presentation of ideas, images, video to enhance readability and viewing</li> </ul>					
<b>Presentation of response according to appropriate academic and linguistic conventions</b> <ul style="list-style-type: none"> <li>Clarity, consistency and appropriateness of conventions for quoting, paraphrasing, attributing sources and information and listing references (APA style)</li> <li>Clarity and appropriateness of sentence structure, vocabulary use, spelling, punctuation and word length (and max length of video).</li> </ul>					
<b>GENERAL COMMENTS/RECOMMENDATIONS FOR NEXT TIME</b>					

**Lecturer:**

**Date:**

**Recommended:     /20     (FL PS CR DN HD)**

**Weighting: 60%**

NB: The ticks in the various boxes are designed to provide feedback to students; they are not given equal weight in determining the recommended grade. Depending on the nature of the assessment task, lecturers may also contextualize and/or amend these specific criteria. The recommended grade is tentative only, subject to standardisation processes and approval by the School of Education Learning and Teaching Committee.