



MYSCIENCE ROLES and RESPONSIBILITIES



TEACHER	STUDENT	MENTOR	MySTic**
<ul style="list-style-type: none"> - understand and communicate the objectives of the <i>MyScience</i> program to students and community - incorporate <i>MyScience</i> into the school/class program - welcome and support Mentors and MySTics, discuss how <i>MyScience</i> is being used by the class e.g. class theme - consider using online communication methods between school visits - build personal knowledge and understanding of the science underpinning class theme/students' topics - communicate with parents regarding Mentors and MySTics, and provision of necessary equipment - teach scientific investigation skills using scaffolded activities related to the class theme - explain assessment criteria to students, provide models for planning and presenting - suggest to students possible research topics, websites, sources of information directly relevant to the class theme - provide support as students decide on a problem or area to investigate, ensuring they record their ideas in a log book - assess student work using identified criteria* <p>* Such as <i>Young Scientist</i> rubrics</p>	<ul style="list-style-type: none"> - be able to describe the steps of the <i>MyScience</i> program to others - learn the steps of Working/Investigating Scientifically by doing hands-on activities - understand the criteria* being used to assess work - work cooperatively as a team member and choose a problem or area to investigate that is interesting - use appropriate communication and behavior to discuss ideas with Mentor/MySTic - research the science behind the investigation and discuss the project with family and friends to gather more ideas - plan and conduct investigations as well as possible, using a log book to record thinking and actions - use lesson time and own time sensibly to complete the project on time - take and record measurements carefully - analyse data to look for trends and patterns - present investigation to meet the assessment criteria* 	<ul style="list-style-type: none"> - understand the objectives of the <i>MyScience</i> program and communicate to colleagues - discuss with class teacher how <i>MyScience</i> is being used by the class e.g. class theme - understand criteria* being used to assess work - through group discussion, facilitate students' understanding of the scientific nature of tasks, especially in the areas such as: fair testing, critical thinking, scientific method and teamwork - reinforce the strengths of students' ideas for investigation and suggest areas for development - tailor support to meet students' interests, knowledge and abilities - where possible, communicate online with students between school visits - assist teachers to build their personal knowledge and understanding of the science underpinning students' topics 	<ul style="list-style-type: none"> - understand the steps of the <i>MyScience</i> program - communicate the steps of Working/Investigating Scientifically to primary students - understand criteria* being used to assess students' work - build personal knowledge of the science underpinning students' topic - work cooperatively with an adult Mentor e.g. your science teacher, and with them, tailor support to meet students' interests, knowledge and abilities - make suggestions and/or assist students to design investigations that reflect fair testing and scientific method - suggest to students possible websites and information sources directly relevant to their investigations - answer questions to clarify students' experimental design <p>** MySTic: MyScience Trainee in the Classroom</p>