

Learning Outcome	Project Task
Initiating and Planning; - identify questions to investigate Performing and Recording: - identify information and data that are relevant to the issue.	Watch The Martian & capture notes about illnesses and injuries Mark Watney experiences on Mars.
Initiating and Planning: define practical problems	Injuries -class discussion & identify major body systems impacted.
Investigate and describe the role of cells within living things - examine plant and animal structures; and identify contributing roles of cells, tissues and organs Interpret the healthy function of human body systems, and illustrate ways the body reacts to internal and external stimuli - describe, in general terms, body systems for respiration, circulation, digestion, excretion and sensory awareness - describe, in general terms, the role of individual organs and tissues in supporting the healthy functioning of the human body - describe changes in body functions in response to changing conditions Describe areas of scientific investigation leading to new knowledge about body systems and to new medical applications - identify examples of research into functions and dysfunctions of human cells, organs or body systems	Notes/Doodles about systems Activities: - Notes - Dissections - microscopy Include information connecting injury to function of the body system (ie which tissue/organ is affected? How does this affect how the system does its job?)
Investigate and describe the role of cells within living things - examine plant and animal structures; and identify contributing roles of cells, tissues and organs Describe areas of scientific investigation leading to new knowledge about body systems and to new medical applications - describe ways in which research about cells, organs and systems has brought about improvements in human health and nutrition - investigate and describe factors that affect the healthy function of the human respiratory, circulatory and digestive systems Performing and Recording; - research information relevant to a given problem - identify information and data that are relevant to the issue	Treatment & medicines: - Plant structures and functions - Microscopy - Knowledge Keeper Meet - Germinate plants - EOE will start this - Make “medicine”
Communication and Teamwork / Collaboration: work cooperatively with team members to develop and carry out a plan and troubleshoot problems as they arise Analyzing and Interpreting: - identify and evaluate potential applications of findings - identify new questions and problems that arise from what was learned.	Final Presentation/Product: - Salve, tea, poultice made from plant - Video explanation - Book Creator ‘catalog’ description

