

## Curriculum Outcomes: **Heart Valve Replacement STEM Activity**

### Health Grade 7:

- Students will be able to identify how belonging to a group can influence one's health in a positive and/or negative way.
  - o A2) describe selected examples of infectious and non-infectious diseases, identifying their detection and prevention.

### Health Grade 8:

- By the end of grade 8, students will be expected to
  - o B1) identify strategies for promoting their own wellness.
  - o B2) identify factors that enhance health or that cause illness.

### Science Grade 6-8:

- Students will use scientific inquiry and technological design skills to solve practical problems, communicate scientific ideas and results, and make informed decisions while working collaboratively.

### Biology 11:

- Trace the flow of blood through the heart, describe the pulmonary and systemic pathways, and follow the flow through the complete cycle. (116-7, 317-1)