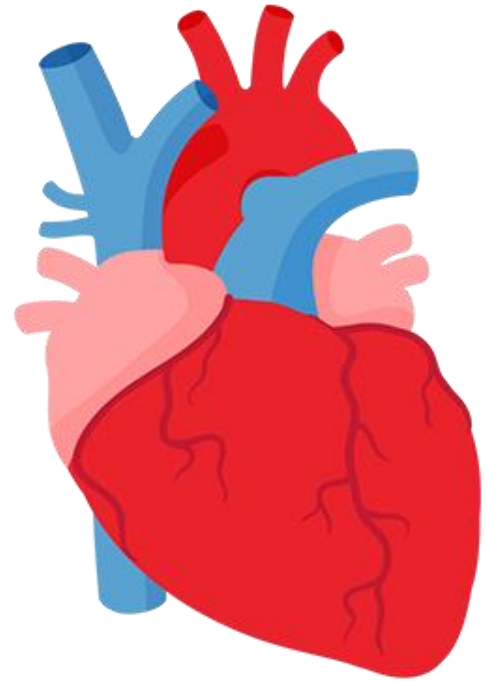


# The Heart of the Matter: Exploring the Circulatory System

## Overview

This lesson is designed to take place onboard the Seattle Children's Science Adventure Lab, a mobile science laboratory. In this module, students engage in an inquiry-based investigation that promotes understanding of how the heart and blood vessels work together as parts of the circulatory system to move blood around the body. This module also exposes students to equipment and methodologies used in the field of cardiology.



## Objectives

- To understand the basic anatomy and function of the heart and circulatory system.
- To expose students to authentic equipment and methodologies used in the field of cardiology.
- To develop the laboratory skills and knowledge required to conduct an experiment and test hypotheses.
- To empower students with the confidence that they can be successful in science and encourage them to pursue careers in science and healthcare.

**Grade Levels:** This module is appropriate for students in Grades 4-6.

**Time Required:** Minimum time required to complete this module is 60 minutes.

**Lab Equipment Used:** Electrocardiogram, comparative heart models, and real heart specimens.

**Key Topics:** cardiology, circulatory system, comparative heart anatomy, electrocardiography, scientific method.

## To request this curriculum

Visit our website at [seattlechildrens.org/adventurelab](https://seattlechildrens.org/adventurelab) for more information.

