

Year group: 2

Term: Spring 2

Project title: Project and Exhibition: Heart makers

Project synopsis: A project looking at how to mend a robot's heart by looking at the first person who completed a heart transplant.

Christiaan Barnard

**Communicating learning:
Sharing outcomes across our year group**

Project outcomes:

Narrative in the style of David Lucas.

Using crumble to create a beating heart.

Knowledge of appropriate materials to make a robot

Curriculum opportunities:

English: Power of Reading text "Robot and the blue bird" writing and retelling start of the story and a diary extract from the blue bird

Maths: Missing words, fractions, worded problems, time and measure

STEM: Using crumble computer generated technology to create a flashing heart for the robot. Testing suitable materials to make a robot for the heart to go in.

To look at the famous scientist Christiaan Barnard who completed the first successful heart transplant

Humanities: How Christiaan Barnard work affected the future lives of people.

Engagement Activity:

Introduction of crumble software

Key Vocab:

Heart, transplant, operation, circuit, connection, robot, investigate, pioneer, record breaking

How you can help:

Look at the British heart foundation and talk to the children about what make a healthy heart