

## Teacher Notes: Virtual Blood Donor Tour

### Description

Go on a simulated tour of a Blood Donor Centre to gain a better understanding of the donation process from registration through to final distribution of the blood products. Hear from people who donate blood on a regular basis.

### Key Learning Objectives

Students learn about the blood donor process and the different methods used to collect blood products.

### Educational Value

- Introduces the blood donor process
- Introduces the concept of donating blood
- Introduces the importance of blood donor screening
- Illustrates that there are different methods of collecting blood products
- Illustrates different people's views about the importance of being a blood donor

### Year Level

7 - 10

### Topics

- Blood donor screening
- Blood components
- Blood donation process

### Learning Area

Science, Health and Physical Education, Civics and Citizenship, ICT, English

### Strand

- Science/Living things
- Health and Physical Education/ Health knowledge and promotion
- Civics and Citizenship/ Citizenship in a democracy
- ICT/ Inquiring with ICT
- English/ Reading, viewing and interpreting information and argument texts



## Australian Red Cross **BLOOD SERVICE**

### **Concept**

- Science/Living things/Complex organisms depend on interacting body systems to meet their needs
- Health and Physical Education/ Promote the health of individuals and communities
- Civics and Citizenship/ Define, exercise and evaluate rights and responsibilities associated with being a young adult including the concept of working together for the common good
- ICT/ Develop new understandings through the use of ICT
- English/ Draw conclusions about the main idea presented in different formats

### **Skill**

- Analysis
- Application
- Comprehension
- Interpretation
- Knowledge

### **Student Activity**

- Analysis
- Comprehension activity
- Interaction with digital media

### **Learning Design**

- Personalised learning
- Inquiry-based learning
- Experiential learning
- Independent learning
- Visual learning

### **Keywords**

Blood, Blood donor, Blood components, Blood products, Blood donor centre, Blood borne diseases, Centrifuge, Aphaeresis donation

### **Resources**

The Learning Federation digital learning objects:

- L740 Aches and pains: high blood pressure