



Australian Red Cross
BLOOD SERVICE

Teacher Notes: Who Needs Blood?

Description

Discover what blood is and its role in the body. Watch a series of video interviews with three young people who are recipients of donated blood. Hear from them about their daily lives and from their parents or friends about their lives as blood recipients.

Key Learning Objectives

Students learn about what blood does and how people use blood through donations.

Educational Value

- Introduces the role of blood
- Introduces the concept of donating blood
- Illustrates that some people's lives depend on a regular supply of blood products
- Illustrates how by donating blood you can affect the lives of a number of people
- Introduces that blood products are used for a number of purposes
- Includes videos of blood recipients

Year Level

7 - 10

Topics

- Blood's role
- Blood components
- Blood donation process

Learning Area

Science, Health and Physical Education, Civics and Citizenship

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



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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 ICTs
- English/ draw conclusions about the main idea presented in different formats

Skill

- Analysis
- Application
- Comprehension
- Interpretation
- Problem solving
- 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, Cells, Human blood cells, Health, Human physiology, Structure and function, Blood diseases, Blood products

Resources

The Learning Federation digital learning objects and digital resources:

- L717 Body parts: blood
- R8349 Three-dimensional image of a red blood cell
- L21 Take a deep breath