

# Sci Fi: Science in Films: Family Take Home Activity Movie Makeup: Bloody Scabs

**Objective:** You will make a realistic bloody scab.

Materials: Red food coloring, cocoa powder, petroleum jelly, tissue

**FCAT Vocab:** Circulatory system - a body system that transports nutrients, blood, hormones and other essentials throughout the body to maintain homeostasis.

### **Procedure:**

- I. Start with a teaspoon of petroleum jelly.
- 2. Add a pinch of cocoa powder and a few drops of red food coloring.
- 3. Dab half of the mixture onto desired scab area (keep away from eyes).
- 4. Crumple up about 2 square inches of tissue and squish into scab.
- 5. Add the rest of the jelly mixture, as desired.
- 6. Sprinkle some cocoa powder to make it look crusty and/or add a few drops of food coloring to make dripping blood.

Now you can experiment with different techniques to meet your specific scab needs. Try to make it dry or look like a gash, or make it look like a bite mark!

# **Discussion:**

## What body system does your blood pump through?

Your body pumps blood through the circulatory system, a system that maintains homeostasis. The circulatory system contains the cardiovascular system, which transports blood throughout the body, and the lymphatic system.

## What are some major organs in your circulatory system?

The cardiovascular system includes the heart and blood vessels. The lymphatic system contains the conducting system and lymphoid tissue.

### How are scabs formed?

When your body gets a cut, glue-like platelets rush to the scene to stop other liquid from flowing out. As it starts to dry, it forms a scab on the outside, while underneath new skin forms until the scab falls off.

### Web Resources:

- <a href="http://science.nationalgeographic.com/science/health-and-human-body/human-body/heart-article.html">http://science.nationalgeographic.com/science/health-and-human-body/human-body/heart-article.html</a>
- http://www.makeup-fx.com/