



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:

1. 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:

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