

EXTENSION ACTIVITIES LIFE SCIENCE

You may choose any extension activities as long as you have an A or B in science. Tests are still required. Dates and study guides for tests will be posted on my weebly web site.

Any of these extension activities may be chosen instead of vocabulary assignments or textbook assignments. You may also choose to do any activity in addition to a classroom assignment. If you feel that a classroom activity is redundant with what you have already done for an extension activity, you may plead your case. Then you could pick an extension activity rather than the classroom activity.

HUMAN BODY PROJECTS

<p>Arms and legs function like a simple machine know as a lever. Draw how your limbs act as levers and allow people to apply, increase, and change the direction of the force.</p>	<p>Create a poster illustrating the three types of muscle. Include information about where the muscle is found and whether it is voluntary, involuntary, or cardiac.</p>	<p>Skin cancer is the most common kind of cancer. Research ways people can prevent skin cancer and create a brochure warning other people.</p>
<p>Make an owner's guide for the cardiovascular system. Describe how to care and maintain the system. Include diagrams.</p>	<p>Research Karl Landsteiner, a nobel Prize-winning scientist. He started dividing people into different types of blood.</p>	<p>Make a life size model of the lymphatic system. Include how the lymphatic and cardiovascular systems interact.</p>
<p>Sherpas provide valuable support to people climbing Mt. Everest. Why are they adapted to this task? How is their body different from yours?</p>	<p>Eating disorders such as anorexia and bulimia nervosa have underlying psychological factors. Research them and create a short video to educate others.</p>	<p>Complete pages 650 and 651 in your textbook about the digestive and urinary systems.</p>
<p>An allergist may try to desensitize a patient by administering small, periodic doses of the allergen. Interview an allergist about their work.</p>	<p>The skills practice lab on page 798 has information about human growth patterns. Make the graphs and analyze the results. Also apply the data at age 3.</p>	<p>On page 705 is information about a diagnostic medical sonographer. Research this as a possible career choice.</p>