



Be Creative!

Use your imagination
to make science
come to life!

Cells and body systems can
be represented

3-dimensionally using some
or all of the materials
below:

- Clay
- Styrofoam
- Pipe cleaner
- Candy
- Paper machete
- Play-Doh
- Cake
- Cookies

***NO PEANUT OR OTHER NUT
PRODUCTS PLEASE***



Make Science FUN!

Students and
family members
working together
to complete this
project will create
lasting memories
and promote
learning at home.
Use the attached
rubrics and
guidelines to help
you choose a
project that is just
right for your child.



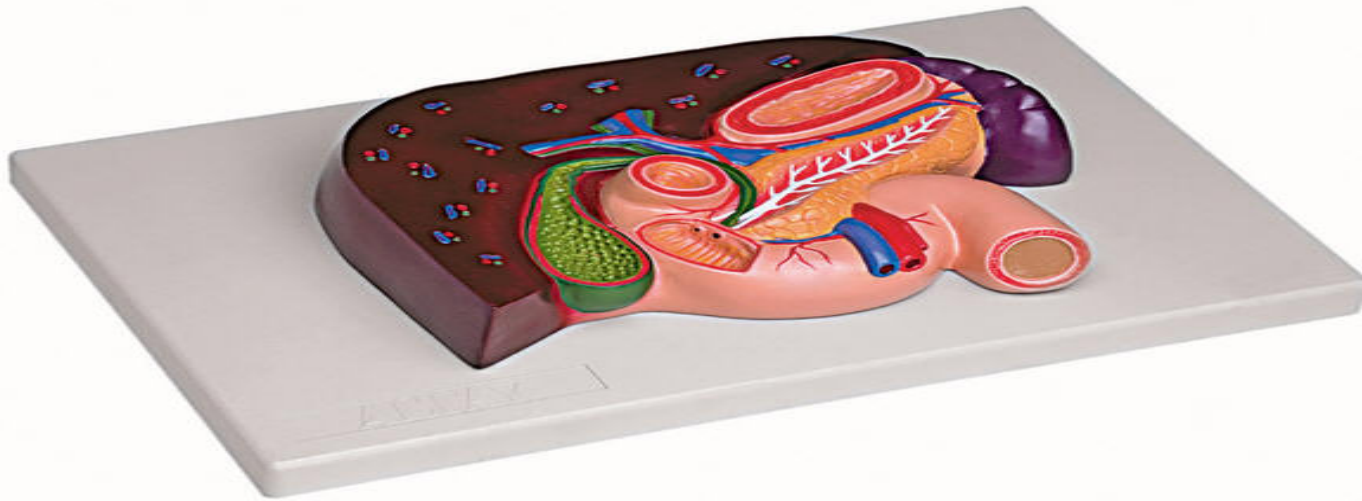
5th Grade Family Science Project



Cells & Body Systems



Making a 3-D model
of a cell, body
system, or organ.



Project Overview

Dear Parents,

For the past several weeks, your child has been learning about the human body. More specifically, in Chapter 2, we learned about the following: cells, tissues, and organs. In Chapter 3 we have learned or will learn about the following body systems: circulatory, respiratory, digestive, and urinary systems. Students have seen video, completed an experiment, listened to CD's, read their textbooks, taken guided notes, discussed, and asked great questions to enhance their learning.

Now, it is time for students to show what they have learned in this culminating project. Throughout the next few weeks, I am asking students –with help and guidance from their parents/guardians- to complete a 3-D representation of one of the following: an animal cell, the circulatory system, the heart, the respiratory system, the digestive system, or a kidney.

Also, students will complete a ½ page typed (12-pt font) or neatly written summary of the cell or body system they selected for this project. Attached to this brochure, you will find rubrics detailing exactly what is expected upon completion of this project.

Please see the following FAQ section for answers to common questions. If you have additional questions, please feel free to contact me by phone or email.

Thank you for taking an active role in your child's education! I hope your family enjoys this learning experience!

Sincerely,

Mr. A. Knight

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Guidelines FAQ:

When is the project due?

Monday, October 20th

How many points is the project worth?

150 points – that's 1½ chapter tests!

Can I just draw a picture?

No! All projects must be 3-dimensional (i.e., front, back, top, sides)

Where can I find ideas to get started?

The Science textbook has great 3-D images of cells and body systems: cell –p.41; circulatory system- p.67; heart- p.69; respiratory system- p.71; digestive- p.75&77; kidney- p.79.

How big should my model be?

Please try **not** to make your model larger than an average-sized shoebox. (Your child may have to bring it to school on the bus).

Will projects be completed in class?

No. Due to time constraints, projects must be completed at home.

Is there a penalty for late projects?

Yes. Deduct 10 pts. per day for 5 days. More than 5 days = 0 points.