

# Frog Anatomy: *A Paper Dissection*

READ ALL INSTRUCTIONS! Follow the directions in order!

Color the frog's skin on the **underside** (belly), **chin**, **arms**, **legs**, and the sides of the **internal body section** pale yellow. Then go over the **chin**, **arms**, and **legs** lightly with green.

Color the parts, numbered 1-24, using the colors suggested below.

#	Part of frog	Color
1	Esophagus (gullet)	Green
2	Stomach	Cream/Yellow
3	Small Intestine	Cream/Yellow
4	Rectum	Grey
5	Cloaca	Green
6	Pancreas	Yellow
7	Spleen	Red
8	Bladder	Yellow
9	Kidneys	Dark Red/Brownish Red
10	Testes	Yellow (color all of it)
11	Liver Lobes	Dark brown
12	Gall Bladder	Green
13	Lungs	Pink
14	Heart	Red
15	Bottom of Orbits (eye socket)	Pale green
16	Tongue	Red
17	Lower Jaw	Yellow
18	Upper Jaw	Yellow
19	Nuptial Pad of Male Thumb	Yellow
20	Inferior Vena Cava	Blue (follow it and color all of it)
21	Veins	Blue (do this one last, color all of it)
22	Arteries	Red (follow the tubes & color all of them)
23	Dorsal Aorta	Red (follow the tubes & color all of it)
24	Veins	Blue (follow them and color all of it)

**WARNING:** These parts will all be able to flip up when done. You are only gluing the tab areas, not the entire organ. **I should be able to flip up each piece, looking at the layers underneath.** Otherwise, I can't grade it! Make sure your pieces don't fall off!

Cut out the parts and then fix (glue/tape) onto a piece of paper. You must fix them in the correct place and in the correct order, (in the same order listed below).

- Stick down the **internal body section** in the center of your paper.

Now stick the various body parts onto the lettered, shaded areas marked on the **internal body section** in the following order:

- Fix the A tab of the **testes** onto the shaded box marked A
  - Fix the B1 tab on the **alimentary canal** (digestive tract) onto the B1 shaded box on the body.
  - Fix the C tab of the **bladder** onto the shaded box marked C.
  - Fix the D tab of the **lungs** onto the shaded box marked D.
  - Fix the B2 tab of the **liver lobes** onto the B1 tab of the **alimentary canal** (digestive tract).
  - Fix the E tab of the **heart** onto the box marked E.
  - Fix the F tabs of the **lower jaw** onto the boxes marked F.
  - Fix the G tab of the **nuptial pad** onto the shaded box marked G.
  - Now you will cover the internal organs by fixing the **underside** (belly) in place. Fix the H tab at the anterior of the **underside** to the box marked H at the anterior of the frog. (Near the face)
  - At the top of your paper, write your name and create/write a title for this project.
- Make sure everything works and does not fall off. Make sure everything is laying in the correct order (Just like a real froggie!) before you turn it in.

