



### Challenge!

REAPS challenges YOU to locate the body parts shown in the diagram on a worm from your worm bin!

**Mouth-** Scientifically known as the *buccal canal*, the worms mouth has cells that sense different kinds of foods. Since a worm has no eyes or ears, it relies heavily on its senses.

**Brain-** The brain is a bundle of nerves called *cerebral ganglion* which allows the worm to detect light, temperature, moisture and vibrations.

**Hearts-** A worm has 5 hearts! The hearts work together to regulate blood flow. They push blood through blood vessels which in turn carry the oxygen rich blood throughout the body. The vessels also carry urinary waste to be diffused through the cuticle. Thus, a worm breathes and urinates through its skin!

**Crop-** The crops act as a food storage. Food will be stored here before making its way to the gizzard.

**Gizzard-** This body part acts just like a grinder. It grinds up food particles so they are easy for the worm to digest.

**Collar-** Scientifically called a *clitellum*, the short and chubby section of the worm is used for reproduction.

**Segments-** The segments are composed of multiple circular muscles and longitudinal muscles which contract and expand to give the worm movement. A single worm can have anywhere from 200-400 segments.

**Tail-** This is where the *anus* is located. Waste is discharged here.

**Cocoon-** The cocoon is created during reproduction. It resembles a small off white oval (smaller than a grain of rice) which holds baby worms. It turns red when the baby worms begin to mature, then hatches shortly thereafter.

Send any questions, art or inquiries to:  
 The Worm Lady c/o R.E.A.P.S Box 444 Prince George, BC V2L 4S6  
 Ph: 250-561-7327 or email: [thewormlady@reaps.org](mailto:thewormlady@reaps.org)



## Recycled Poppy Wreath

### Instructions

1. Cut a hole out of the center of the plate. Be sure to leave the border wide enough for the poppies. Set the plate aside.
2. Cut the egg cups out of the egg carton. Use as many as you like to make your wreath full. Cut triangles in the four corners of each egg cup (use photo for guidance).
3. Using paint or markers, colour each egg cup red with a black circle in the middle. These are your poppies!
4. Now, cut a rectangular piece of paper that is long enough to reach across the hole in your plate. Write a phrase on this paper such as the one shown in the example. Glue each end of the paper and stick it across the plate.
5. Glue each poppy to the border of the plate. Wait for the glue to dry!
6. That's all, you're done!



### Materials

- ♦ Paper plate
- ♦ Egg carton (paper or styrofoam)
- ♦ Red and black Paint or markers
- ♦ Glue
- ♦ Scissors
- ♦ Paper



Just a friendly reminder that the **REAPS Annual Toy Drive** is on **November 18th**. **Toys of good used quality** can be dropped off at the REAPS office (1950 Gorse Street) between 10:00am and 2:00pm. These toys will then be delivered to local children organizations where they will bring joy to another child! We will also be accepting donations to the SPCA and the PG Humane Society at this time!