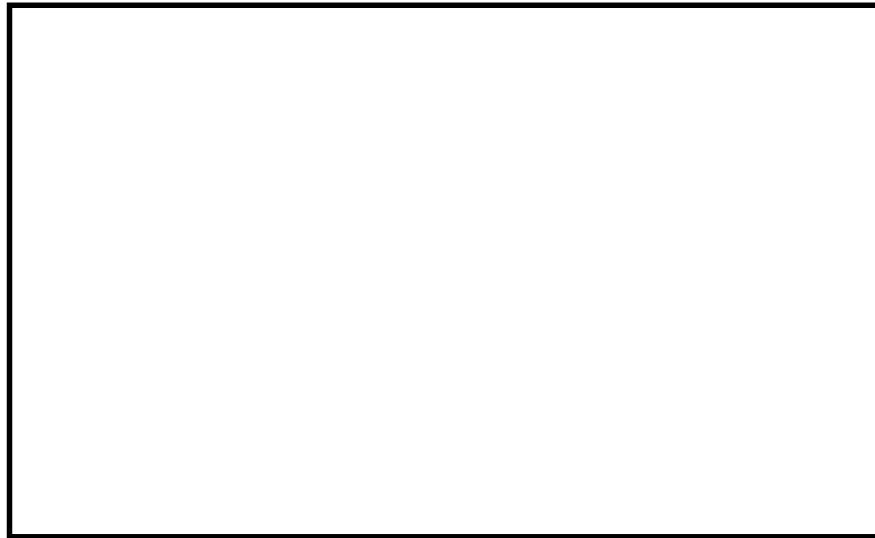


As the worm squirms

Task: Draw a worm (any kind of worm)



- Label its parts.
- Identify characteristics: shape, color, size.

There are LOTS of different kinds of worms:



Image sources: DKFindout!; Wikipedia (*Bipalium kewense*); *Science News*; One World One Ocean; *Scientific American* (tapeworm); Hyman lab (Mark Leaver); Nikon Small World

Can you think of an animal that looks like a worm but isn't?

These animals are *not* worms!



A worm snake!



An inchworm is a caterpillar!



A “woolly worm” is a caterpillar!



A caecilian (amphibian)



A slug



A millipede

Image sources: Virginia Herpetological Society;
“What’s that bug?”; Pics4Learning; BBC, U Maine Extension

Scientists use CLASSIFICATION to give animals specific names.



Today we'll talk about 3 phyla of worms

Phylum: one level of classification of living things.




	Flatworms	Roundworms	Segmented worms
Phylum	Platyhelminthes	Nematoda	Annelida
Body shape (cross section)	Flat/Oval	Round	Round
Digestive tract	1 opening (pharynx)	2 openings	2 openings
Body pattern	No segments	No segments	Segments
Examples	Planarian, tapeworm	<i>C. elegans</i>	Earthworm
			

Image sources: *Discover Magazine, Ars Technica, Dkfindout!*

Congratulations! You've identified a new species of worm!

Draw and Describe your worm. What type of worm is it? What phylum?

Choices: Flatworm (platyhelminthes)
 Roundworm (nematoda)
 Segmented worm (Annelida)

Any questions???