



CONNECT | ENRICH | TRANSFORM

Squid Anatomy Scramble

How to get started:

1. Download and/or print out the question sheet (page 2) and the external anatomy sheet (page 3). The pdf is a fillable document so no need to print if you don't want to print.
2. There are two ways you can solve the scramble. It makes no difference how you solve the scramble. Do it the way that works best for you.
 - You can try to unscramble the letters of the words for each label on the squid without reading the questions.; or
 - You can answer the questions below to help unscramble the letters of the words.
4. Either way you do it, write the answers in the blanks provided for the questions and the labels. Notice, the numbers on the labels match the number of the questions. So once you figured one part out you have the answer for the other part.
5. Fill in all the blanks. We have done the first one for you as an example.

Introduction:

Like all squid, octopus, clams, and oysters, squids belong to a special group called the Mollusks. Mollusks are animals that have soft bodies, but also have shells- or at least the remnants of shells. While oyster shells are easy to see, since it covers their body, squid have an internal structure called a pen. This is a body part that supports the body and internal organs. The pen of squid is the remainder of the shells seen in squid ancestors, hence squid being in the part of the group of animals called Mollusks.

We may not be able to see that internal structure, but let's investigate the external features. How many can you identify by solving the scramble?

Squid Anatomy Scramble

Questions:

1. FINS help squid steer, stabilize themselves, and swim leisurely through the water column.
2. Squid can change the size of these dark cells called _____ to help them blend into their surroundings, communicate with other squid, or find a mate.
3. The main part of the body is called the _____, which protects all the squid's internal organs. It can also be filled with water that can be pushed out of the mantle to propel the squid forward.
4. Squids have one big, well developed _____ on each side of their head, allowing them to see very well in the water.
5. This feature is found right between the eyes, just under the mantle. This is the source of the squid's jet power! They can fill the mantle with water, then squeeze that water out of the _____. The resulting effect is like air coming out of a balloon. This means squid can move a very high speeds.
6. Like the octopus, squid have eight (8) _____.
7. HOWEVER, squid ALSO have two (2) _____ that are much longer than arms and used for reaching out to snag fish that are too far for the arms to reach.
8. The squid's arms and tentacles, _____ are used to grab hold of prey and keep it from escaping. The arms have these from the top to the end of each arm.
9. The _____ are at the ends of each tentacle. They are broader and armed with suckers or hooks to grab prey.

External Squid Anatomy Sheet

