

Design an Animal

Teacher's Notes

What may be the most important realization made by students completing this exercise is that the diversity of multicellular invertebrates is unimaginable. Any animal the student can design which would be a success in evolutionary terms, probably already exists or has existed at some point in the earth's history.

After completing the exercise the students should be asked to select an animal which most closely resembles their designer animal and name the phylum to which it belongs.

This exercise should also encourage the students to consider some of the basic requirements of animals living in the ocean. Animals must be designed to survive.