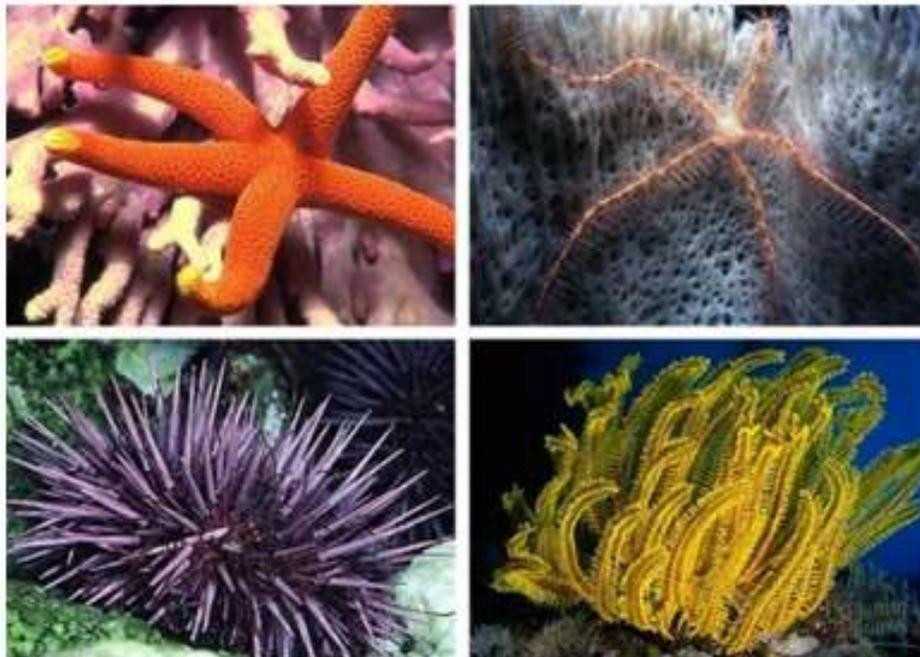


Inquiry Question

Starfish are not the only example of an Echinoderm. What else belongs to this group? What makes each echinoderm so unique?

Name: _____ **Date:** _____



You are a scientist, and are very interested in echinoderms. There is so much variety within the phylum, you just find it fascinating. However, you know that it can be difficult for people to learn about this amazing group of animals. You decide to write a book called “Echinoderms for dummies” to try to help explain what an Echinoderm really is to the public, and how they work.

Instructions

- Please do on-line research related to *Echinoderms*.
- Please use your notes and research to create an Echinoderms for Dummies booklet that would be engaging and accessible for students in Grade 6-8.
- Please ensure that your booklet includes the following information:
 - 1 page describing classification of Echinoderms from Kingdom to Phylum and showing at least one specific example (picture) of a sea star, sea urchin, feather star and sea cucumber with the class, order, family, genus and species designation and common name indicated
 - now choose to focus on ONE of either the sea star, sea urchin, feather star OR sea cucumber and include:
 - 1 page with words and diagrams explaining/showing type of body symmetry
 - 1 page with words and diagrams explaining digestive system
 - 1 page with words and diagrams explaining how they move
 - 1 page with words and diagrams explaining reproductive strategies and systems
 - 1 page with words and pictures identifying 5 fun facts about and examples of your chosen class of echinoderm (this information could also be spread throughout the pages to make them more engaging)
 - a minimum of 4 references properly referenced using APA style
 - note that APA style can be easily looked up on the internet but two useful websites include:
 - <https://owl.english.purdue.edu/owl/resource/560/01/> - explains how to reference from various media sources
 - <http://www.bibme.org/apa> - will automatically APA format references from various media sources
- Please note that plagiarism will not be accepted and the project will receive a mark of 0.

Project Goals:

- to gain and demonstrate a better understanding of Echinoderms