

STEM Challenge: Grade 5



5-PS3-1 – *Use models to describe that energy in animals' food (used for body repair, growth, motion and to maintain body warmth) was once energy from the sun.*

Plants generally undergo photosynthesis to create their own energy. Can you think of an exception to this? How do these exceptions impact the rest of the food chain?

5-LS2-1 – *Develop a model to describe the movement of matter among plants, animals, decomposers and the environment.*

Choose an exhibit or area of the Aquarium and explain the food chain or food web of that ecosystem.

5-ESS2-2 – *Describe and graph the amounts of saltwater and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.*

How does the type of water and where it is found impact humans, animals and plants?

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