## **Cone Snail Feeding Mechanism Model Evaluation**



After you construct your cone snail model, reflect on your design by responding to the questions below.

1. Justify how you chose to model each part of the cone snail's anatomy and feeding behavior.

a)	Siphon
b)	Proboscis
c)	Harpoon
d)	Radular sac
e)	Venom + Venom bulb + Venom duct
f)	Rostrum
g)	Foot
h)	Shell

2. All models have limitations. Suggest how this model could be improved



3. How does this model help you make predictions about:

a) The size of the fish a cone snail can eat relative to its rostrum and shell

b) How frequently a cone snail can release a harpoon.

c) How a cone snail might escape getting eaten by predators.

d) The depth that your cone snail could bury itself under sand and still hunt, relative to the length of its siphon and proboscis.

e) Other cone snail behavior: