

Constructed Response Item Template

Theme: Invertebrate Animals

Title of Theme/Module: Sponges

Stimulus Material:

Writer(s): Ronald D. Molder

District(s): Marshfield R-I

Region: Southwest

Grade Range: 6-8

Subject Area: Science

Standards Assessed:

Performance (Process)

Goal: 1 **Standard:** 6

Goal: **Standard:**

Knowledge (Content)

Content: Sc **Standard:** 3

Content: **Standard:**

Item:

Early scientists placed sponges in the Plant Kingdom. Modern scientists place sponges in the Animal Kingdom. Name at least two characteristics that seemed to justify placing sponges in each of the two kingdoms. Identify which classification is more correct and why.

Example(s) of Correct Response:

Plants: don't move, don't hunt food

Animals: cannot make own food, filter food out of water, digest captured food

Sponges are in the Animal Kingdom because they cannot make their own food, and all plants carry out photosynthesis to some extent.

Scoring Guide:

2 Points Response includes two correct characteristics for each kingdom and correctly identified sponges in the Animal Kingdom with a reasonable explanation.

1 Point: Response includes two correct characteristics for each kingdom, but does not include an explanation for Animal Kingdom or chooses Plant Kingdom **OR** incomplete characteristics for each kingdom, but identifies sponges as Animal Kingdom and includes a reasonable explanation.

0 Points: Other

