

## NGSS Correlations

### Jellyfish Cartesian Diver CD-440

#### Suggested Science Idea(s)

K-PS2-1

K-PS2-2

2-PS1-1

2-PS1-2

K-2-ETS1-1

K-2-ETS1-2

3-PS2-1

3-PS2-2

5-PS1-3

3-5-ETS1-2

3-5-ETS1-3

MS-PS2-2

MS-PS3-5

MS-ETS1-3

MS-ETS1-4

HS-PS2-2

HS-PS3-3

HS-ETS1-2

The Jellyfish Cartesian Diver can be used by students to study the principle of density. Cartesian divers demonstrate opposing forces of buoyancy (upward) and gravity (downward). The fun comes when students squeeze the bottle to change the density of the diver. Students can take a simplistic or an advanced mathematical approach to the physics problem.

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