

Sea Hunt

Taken from Fifer, F. & Ledbetter, C. (2000). *Penny Ante Science*®. Dallas: SCE Associates.

Use these **extensions** to inspire your own creativity to integrate these activities into your present curriculum.

Ecology: Why do fish adjust their bodies when they change depths? How do terrestrial animals adjust to a change in altitude? The variety of plants and animals changes with differences in the altitude at which they live. Although niches are basically the same, the plants and animals that fill them have adapted to differences in weather and climate.

Geology: What keeps the core of the earth solid? Why does water take longer to boil on a mountain than at sea level? Why does magma push through the earth at some spots, but not at others? The principle of isostasy similarly applies to lithospheric plates. How does geostatic pressure differ from hydrostatic pressure? Why might an oil field worker want to know?

Humankind: Why do your ears pop when you go up in an airplane? What causes less air pressure when you gain altitude? What causes more water pressure when you go deeper under water? Humans change their environment to make themselves more comfortable. The technology involved in pressurizing an airplane or a submarine involves issues in fluid dynamics, construction of the outer shell of the vehicle, and mechanisms for regulating the amount of air that enters and exits the system.

These detailed **correlations** indicate direct applicability to specific standards; others may be implied.

Texas Essential Knowledge & Skills (TEKS)*	K-2	3-6	6-8	IPC, Biology, Chemistry, Physics	Aquatics, Astronomy, Environmental, GMO
	2.1, 2, 3, 4, 5, 7	3.1, 5, 6, 7 4.6, 7 5.1, 3, 5 6.14	6.14 7.1 8.1, 10, 12	IPC.7, 9	Aquatics.1, 3, 6, 9 GMO.3, 10

* Compiled from Ledbetter, C. (2000) *TEKSing through Penny Ante Science*®. Dallas: SCE Associates. Specific listing within any category pre-supposes applicability to the general process TEKS for each area.