

Devil & Deep Blue Sea

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: How do fish change their depth? How does a soaring bird suddenly dive toward the ground, but not smash itself to bits? Animals work with air pressure by adjusting how their bodies move or through the use of air bladders. These adaptations allow them to live in their habitat.

Geology: What causes an earthquake? If you lived in or near a fault zone, why would you be glad to experience regular, minor shocks? If all that pressure is released in a single event, the results would be much more devastating than if it were continuously relieved in more frequent, less powerful events.

Humankind: Why are humans interested in controlling air pressure? How could this help us change our environment? Both water pressure and air pressure are used in a multitude of machines that make our lives easier.

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
		4.7	6.14	IPC.7, 9	Aquatics.1, 3, 6, 9
		5.1, 3, 5	7.1		GMO.1, 3, 10
		6.14	8.1, 10, 12		

* 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.