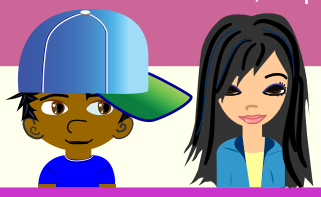
Whyville's Educational Games

In Whyville the local currency, known as clams, makes our world go round. To earn a clam salary, citizens participate in educational activities and games that cover a range of topics from art and geography to math and science.

We believe that everyone, especially children, learn best by doing, rather than passively reading or listening. Whyville's games are therefore designed to rouse curiosity and foster engagement through active participation and critical thinking. In educational parlance, this is called constructivist, inquiry-based learning. In kid speak, this is "learning while having fun."



Some of Our Games and Activities

The Skater & Spin Game

The Skater game teaches angular momentum, while challenging you to answer the question, "How do skaters get spinning so fast?" The Spin Game further extends the skater activity by addressing the issue of rotational axes and symmetries.

WhyReef

WhyReef, sponsored by the Field Museum, is a virtual reef on Whyville's own beach! Just dive in and you can explore the reef and lean about the species that live inside.

Hot Air Balloon Race

Sponsored by the University of Missouri, The Hot Air Balloon Race challenges you to navigate the altitudes and analyze vector fields to navigate a hot air balloon.

Whyville CDC

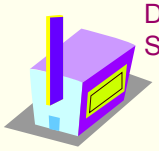
WhyPox and the WhyFlu are an infectious illnesses that periodically plague Whyville. Citizens investigate the parameters of the infections at the Whyville CDC.

The Getty Museum

In Art Sets you learn the art concepts of subject and medium through a fast-action card game. The Art Treasure Hunt sends you in pursuit of art treasures all across the globe, and through time and place.

WASA

WASA is Whyville's own version of NASA. In the Zero Gravity Chamber, learn about angles and the principle of Newton's 3rd Law. In the Rocket Design Lab, simulate rockets to test parameters such as nozzle size and pay load. And in the Ion Engine Lab play 3 games that teach about electric charges and ion engines.



Dance Studio

At Mimi's Dance Studio virtual dancers can lean dances and choreograph their own using vector arithmetic.

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