

promoting database resources for digital learning in elementary schools

Problem

Students need information from trustworthy sources. Teachers and students were not accessing available resources like databases.

Our Solution

We created resources for 3rd grade teachers and students to raise awareness of how to use databases with their science lessons.

Curriculum Map

Unit Concepts	Key Concepts	Science Standards	Database Resources
The guiding question for the module are how to understand weather and the weather conditions the same around the world and throughout the year? Students explore the properties of water, the water cycle, and precipitation. Students learn how other water resources. Students learn how students use water as a natural resource. Students learn about the engineering practices which investigate water, weather, and climate, and apply the engineering practices of problem, cause and effect, scale, proportion, and quantity, and systems and system models. They are introduced to the science of water and the engineering practices, the science of engineering, technology, and science on society and the natural world.	W.1.1.1 Represent data in tables and graphs. Students to describe the typical weather conditions recorded during a particular season.	5-ESS2-1 Represent data in tables and graphs. Students to describe the typical weather conditions recorded during a particular season.	Britannica World Book Kids, Ezyon Science and Mathematics, Physical Sciences - Weather Britannica World Book Kids, Maps and More World Book Kids World Book Kids articles, Season, Weather, Climate, Temperature, Humidity Britannica Library Children articles, Season, Meteorology, Weather, Climate, Wind, Tropical Cyclone Britannica World Book Kids, Compare Places World Book Kids World Book Kids articles, Climate, Weather, Meteoogy, Hemisphere, Equator, North Pole, South Pole Britannica Library Children articles, Season, Climate, Hemisphere, North Pole, South Pole

Shows how curriculum, learning standards, and database content connect so teachers can easily find resources for lessons.

Teacher Video



Compares and contrasts databases to help teachers decide which will best fit the needs of specific lessons.

Student Tutorial



Shows how to access databases and complete simple searches so that students can use them independently.

