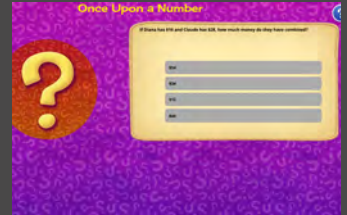


## PLAY A GAME

### Early Learning

Concentration, matching, tracing, and true/false games.



### Kids

Puzzles, multiple choice, matching, sorting, and crossword games.

### Student

Legends of Learning games embedded on Maths & Science articles under the Media tab.

#### The importance of mathematics

The work of mathematicians may be divided into *pure mathematics* and *applied mathematics*. Pure mathematics seeks to advance mathematical knowledge for its own sake rather than for any immediate practical use. For example, a mathematician may create a system of geometry for an imaginary world where objects have more dimensions than just length, width, and depth. Applied mathematics seeks to develop mathematical techniques for use in science and other fields.

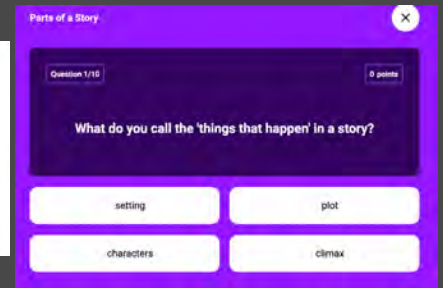
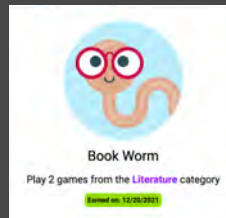
The boundary between pure and applied mathematics is not always clear. Ideas developed in pure mathematics often have practical applications, and work in applied mathematics frequently leads to research in pure mathematics.



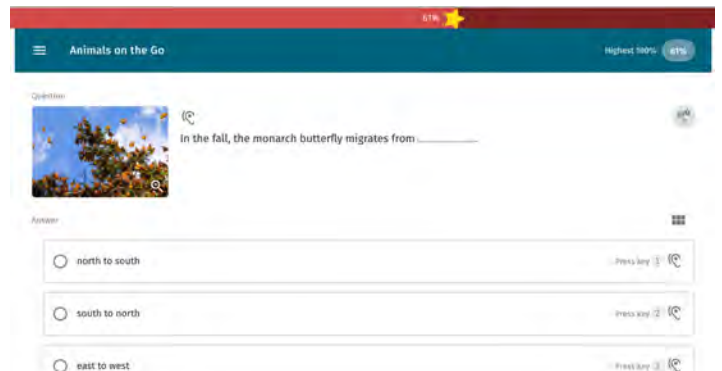
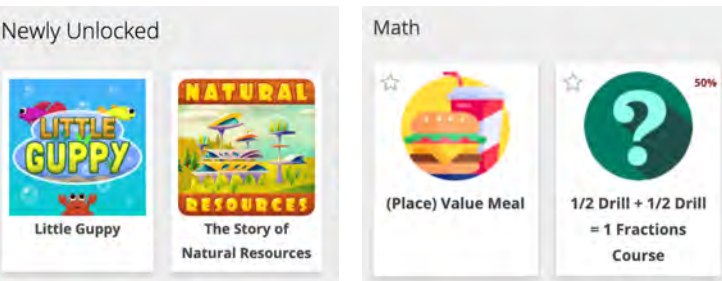
Janelle's Cool Collections Game

### Discover

Earn awards by playing hundreds of games that span the curriculum.



embraces the Theory of Fun for Game Design



- ★ Progress is shown throughout a drill or course.
- ★ Individuals can view personal statistics.


- ★ Earn badges as you go.
- ★ Unlock games from the secret stash!

# WEBQUESTS

Available on Kids, Student, and Advanced

**Dinosaur**

Did you know that there were giant creatures walking the Earth millions of years before the first human arrived? Dinosaurs were some of the most amazing animals ever to walk the planet! Because there are so many different kinds of dinosaurs, there is much to learn about them. Check out World Book's articles on dinosaurs, and complete this webquest to learn about the world they lived in and how scientists study them today.



First, go to [www.worldbook.com](http://www.worldbook.com). Then, click on "Kids." If prompted, log in with your ID and Password.

**Find It!**

Use the World Book search tool to find the answers to the questions below. Since this activity is ungraded, we recommend you start by searching the term "Dinosaur."

**Responsible!**

**Extension Activity 1**


Imagine that you could resurrect dinosaurs by cloning or other means. Which kinds of dinosaurs would you choose to resurrect? Why did you choose these dinosaurs? How do you think these dinosaurs would do living today? What do you think it would be like to live with dinosaurs? How might these dinosaurs harm people? What changes might dinosaurs make to the planet? Would people find a way to control the dinosaurs? Overall, if it were possible to bring dinosaurs back to life, do you think it would be a good idea to do so?

**Extension Activity 2**

Look at the "Early view of *Tyrannosaurus rex*" and "Modern illustration of *Tyrannosaurus rex*" illustrations in World Book's "Dinosaur" article. Using these pictures as a guide, how has scientists' understanding of *T. rex* changed over the years?

**Extension Activity 3**

Be a researcher! Choose a dinosaur mentioned in the "Related Information" tab of the "Dinosaur" article. Use World Book Encyclopedia articles and related books from World Book's eBook collections on that dinosaur and write a report about the one you choose.



Take students on an expedition through World Book using WebQuests.

Gamify even further by creating your own badges or points system for students to earn by completing the quest.

# WORLD OF ANIMALS

One of our most popular features on *World Book Kids*.



Students can guess which animal is taller, heavier, has more babies, and more while hearing fun sound effects.

# MAKE A TRIVIA GAME

Create your own game using facts from any World Book resource!

Trivia quizzes on Student.



Make a game out of the eBook "True or False" series.

