

# Gizmos

Gizmos (Grades 3-12) is an interactive math and science simulation library. There are over 475 Gizmos to bring powerful new learning experiences to students. Gizmos use an inquiry-based approach to learning, validated by extensive research as a highly effective way to build conceptual understanding.

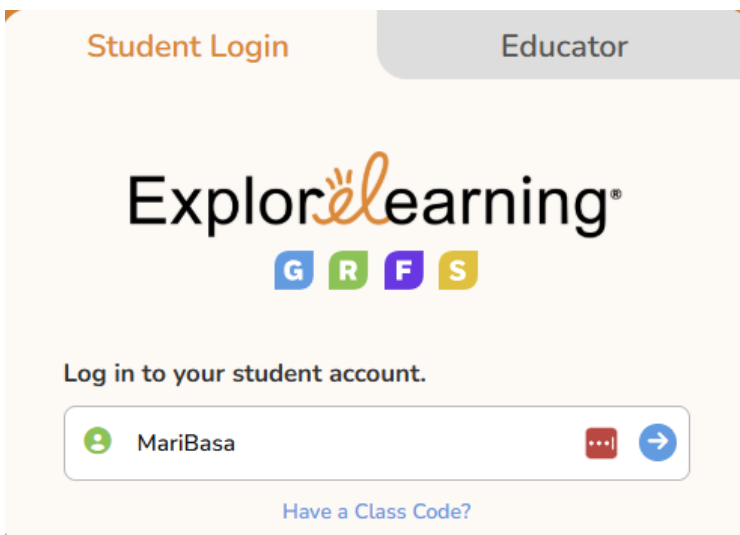
This subscription is not available to HCOS Registered students.

## Logging In

Gizmos has pre-set classrooms that students can sign into and work in independently. Student work is saved, and support teachers can log in to view progress. Email Margaret Basaraba for the class codes you need to set up your students in Math and Science Gizmos.

## Setting Up A Student in Gizmos

1. Email Margaret Basaraba and request the class codes for Gizmos.
2. [Use this link](#) to go to Explore Learning and select the blue words “Have a Class Code?”



3. Email Margaret Basaraba to receive the class code list. Enter the Math or Science class code for the grade you want your child to work in.



## Join a Class

Enter your Class Code

Class Code



Please enter the Class Code provided by your teacher.

NEXT

4. Choose the blue bar “Create an Account.” If you already have an account, choose the “Log in to My Account” button. You can also choose to use a different code at this point by choosing the “Wrong Class? Try another class code” button.



## Join a Class

**Grade 3A Math**

Teacher: Math 3 Heritage Online

EL1RK2PD

Create or log in to your Gizmos account

CREATE AN ACCOUNT

LOG IN TO MY ACCOUNT

Wrong class? [Try another Class Code](#)

5. Create your account by entering information into the form and selecting “Next.”



## Join a Class

### Grade 3A Math

Teacher: Math 3 Heritage Online

EL1RK2PD

Please enter your information

First Name  Last Name

Username  Grade Level

Username is unavailable

Password  Confirm Password

BACK

NEXT

Already have an account? [Log In to My Account](#)

6. You will see the confirmation that you have signed up for the class. Please bookmark the [login link](#) and select “Continue.”



## Join a Class

### Grade 3A Math

Teacher: Math 3 Heritage Online

EL1RK2PD

✓ You have joined **Grade 3A Math**

For future logins, go to

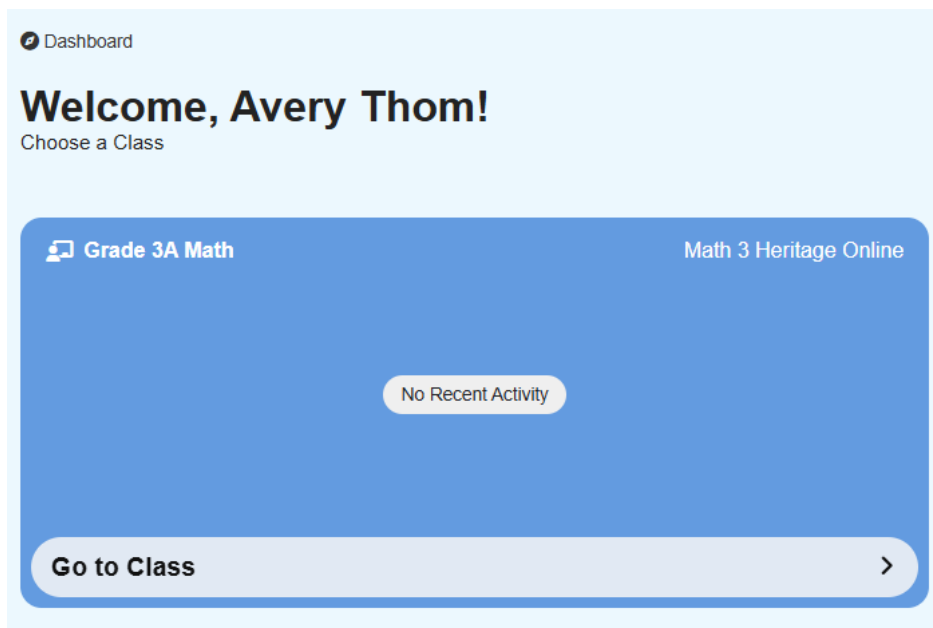
<https://apps.explorelearning.com/account/gizmos/login/student>.

Your login card displays your username and password. Please take care to keep it private.

DOWNLOAD LOGIN CARD

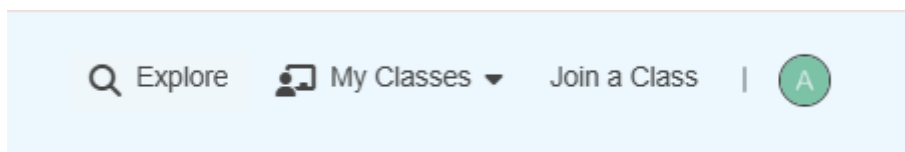
CONTINUE

7. Select the “Go to class” button.



8. You are now in a preset class with all the Gizmos available that fit the BC Curriculum Big Ideas.

9. If you wish to sign your child up for another class (for example, you just signed up for Math, and you also want to sign them up for a Science class), select “Join a Class” at the top right of the page.



10. Enter the class code for the new class.



## Join a Class

Enter your Class Code

Class Code



Please enter the Class Code provided by your teacher.

NEXT

11. Select the blue bar that says, "Join."



## Join a Class

**Grade 3A Science**

Teacher: Heritage Online

EL3X27JQ

JOIN

Wrong class? [Try another Class Code](#)

12. You will see the confirmation page that you saw in step 5. Select "Continue."



## Join a Class

**Grade 3A Science**

Teacher: Heritage Online

EL3X27JQ

✓ You have joined **Grade 3A Science**

For future logins, go to

<https://apps.explorelearning.com/account/gizmos/login/student>.

Your login card displays your username and password. Please take care to keep it private.

DOWNLOAD LOGIN CARD

CONTINUE

13. Now that you are back in your student's class, you will see two tabs for the two different classes. You can enroll in as many classes as you need. There is some overlap of Gizmos between the grades.

14. To use a Gizmos, choose the rocket button to the right of the Gizmos.

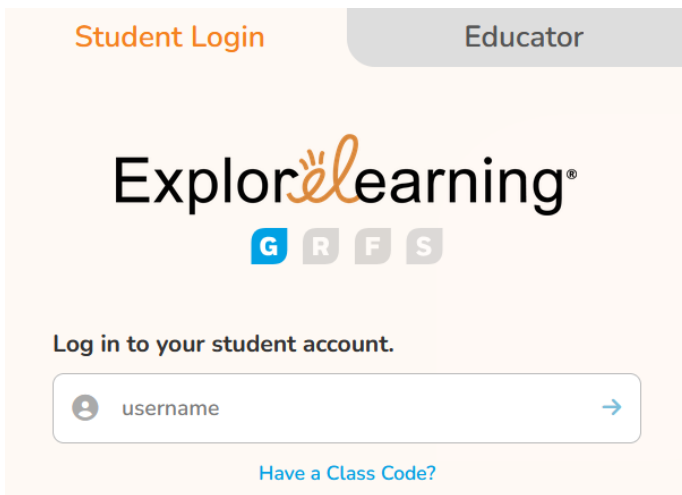


**Comparing Climates (Customary)**

Compare average temperatures, precipitation, humidity, and wind speed for a variety of locations across the globe. Explore the influence of latitude, proximity to oceans, elevation, and other facto...



15. When you log back in the second time, select the “Student Login” tab and use your new username and password.

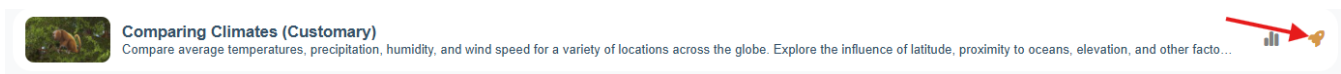


## Navigation & Use

Introductory video below.



Select “Launch” to begin using a Gizmo.



Make your Gizmos full screen by selecting the button at the top right corner of the Gizmos. Press the "Esc" escape key on your computer keyboard to exit full-screen mode.



When your Gizmo opens, you will see “Lesson Info” at the top left.



# Comparing Climates (Customary)

Selecting the “Lesson info” button opens a definition of the Gizmo, a student exploration sheet, and a vocabulary sheet. Students can type directly into the exploration sheet document by saving the file to their computer and then typing in either Microsoft Word or Google Docs. Vocabulary sheets are also available for student use. The example below is also available in Spanish.

**Comparing Climates (Customary)** Launch

**About Comparing Climates (Customary)**

Compare average temperatures, precipitation, humidity, and wind speed for a variety of locations across the globe. Explore the influence of latitude, proximity to oceans, elevation, and other factors on climate. Observe how animals and plants are adapted to climate and their environment. This lesson uses U.S. customary units.

**Lesson Materials**

Engaging student activity worksheets and vocabulary plus teacher resources in customizable formats.

Downloads

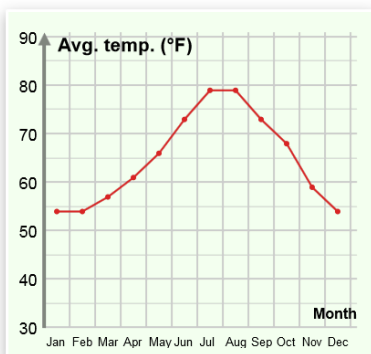
- Student Exploration Sheet
- Vocabulary Sheet

Spanish language versions included.

Assessment questions are located below the Gizmo. Exit full-screen mode, then scroll down.

## Assessment Questions

1. The graph below shows the average monthly temperatures for a city. What is the best estimate of the average temperature for the year?



Here are some suggestions for families wishing to use Gizmos with K-Grade 2 students:

- [Math Gizmos for Grades K-2](#) (.docx file)

- [Math Gizmos for Grades K-2](#) (.pdf file)
- [Science Gizmos for Grades K-2](#) (.docx file)
- [Science Gizmos for Grades K-2](#) (.pdf file)

## Parent Account With Answer Sheets

### Using the Parent Account

Email [Margaret Basaraba](#) for the parent account login credentials, which will allow you to access a teacher account and use the teacher guide and answer keys.

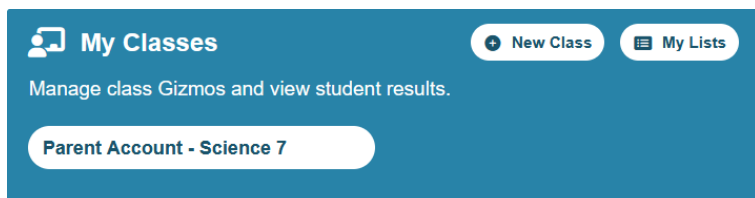
1. To find answer keys for the Gizmos, log in to the parent/teacher account [here](#).
2. Select the "My Products" button.

#### My Products

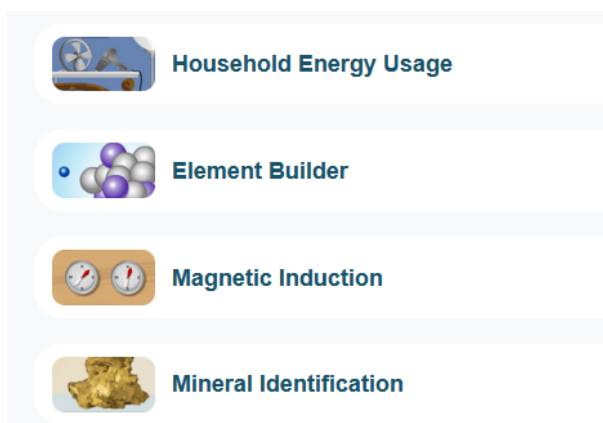
Access to your ExploreLearning products.



3. Select the "Parent Account" button found on "My Classes."



4. Select the Gizmo that your student is working on.



5. Scroll down in the Gizmo to select the "Teacher Guide," "Student Exploration Sheet," "Exploration Sheet Answer Key," and "Vocabulary Sheet."

## Lesson Materials

Engaging student activity worksheets and vocabulary plus teacher resources in customizable formats.

### Downloads



Teacher Guide ▾



Student Exploration Sheet ▾



Exploration Sheet Answer Key ▾



Vocabulary Sheet ▾

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