Science Guided Tour

Table of Contents

Professional Development

Your subscription to our resources is most valuable if students use it. That's why we partner with you from day one to provide invaluable training and resources.

✉ **training@eb.com**
🖥 **britannicalearn.com**

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We are committed to providing our users with the most responsive support possible. If your institution encounters any technical difficulties, please contact:

📞 800.621.3900 ext.7160
✉ **edsupport@eb.com**

8AM to 5PM CST, Monday through Friday

Welcome to Britannica LaunchPacks: Science
packs.eb.com/science

Save planning time and make instruction more productive with these ready-to-use content sets that are curated and compiled to match your PreK-12 curriculum. One convenient interface streamlines searching among 1,600+ current, trustworthy, and relevant LaunchPacks. Each Britannica LaunchPack is dedicated to a specific topic and features a variety of content types, ideal for lessons, classroom activities, projects, and assignments.

Conduct a keyword search.

Filter by grade level.

Filter by category.

Find a variety of resources, including articles, multimedia pieces, and primary sources.

Inside LaunchPacks

Britannica LAUNCHPACKS™

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Enrico Fermi

GRADES 6-8 | See this Pack for **GRADES 3-5**

> Change the grade level materials within each LaunchPack.

Filter by: All ▾

☆ Favorite   🔧 Customize   ✉ Share

> Share LaunchPacks by sharing links or by email.

ARTICLE

Enrico Fermi

(1901–54). On December 2, 1942, the first man-made and self-sustaining nuclear chain reaction was achieved, resulting in the controlled release of nuclear energy. This feat...

Article Reading Level ① ② ③

> Adjust the reading level of any article.

IMAGE

Fermi, Enrico: at the controls of the synchrocyclotron at the University of Chicago, 1951

Enrico Fermi at the controls of the synchrocyclotron at the University of Chicago, 1951.

WEBSITE

Nobelprize.org - Biography of Enrico Fermi

Britannica Note:
Read biographical information

PRIMARY SOURCE

Document: Einstein's Letter to President Roosevelt, 1939

Britannica Note:
The origin of the Manhattan Project is often traced to this letter from Albert Einstein to President Franklin D. Roosevelt, which specifically mentions the research of Enrico Fermi.

ARTICLE

Manhattan Project

The code name for the United States program to develop an atomic bomb during World War II, the Manhattan

Share dialog

Copy the link to this LaunchPack

http://eb.com/85473   Copy Link

Copy this link to paste into your own message or save for later use.

or

Send an e-mail with a link to this LaunchPack

To

E-mail

To share with more than one person, separate addresses with a comma

From

Name

E-mail

Cancel   Send

Customize LaunchPacks

Customize each LaunchPack

Click on the star in the header to "favorite" a LaunchPack to return to later.

Edit the title to suit your needs.

Save or Discard changes you make to your LaunchPack.

Customize your LaunchPack by uploading your own documents or external links.

Add a pack note.

Remove any resources that you don't need.

Add notes for each component of your LaunchPack.

Annotate LaunchPacks

Users can annotate Britannica articles for questions, vocabulary, evidence / argument building, and a variety of other purposes. Simply highlight the text you want to annotate, and select the annotation style from the drop down menu on the right. Users can also add in comments, delete annotations, and download the annotated article. Check out the image below for more details!

Switch toggle from "Read" to "Annotate"

Click here to download the annotated article to your device.

Each annotation is color coded, making it easy to quickly find what you need.

Find annotations on the right side of the screen.

To color code your annotation, simply highlight the text you want, click on the pencil icon, select the annotation type from the drop down menu, and enter in any notes you may have.

Schedule LaunchPacks

Users can schedule their LaunchPacks! Start by clicking on the "Schedule" icon in each LaunchPack to start.

Want to remind yourself to use a specific LaunchPack topic at a later date? Simply drag and drop the LaunchPack onto the date that you want, and later you'll be reminded about the LaunchPack and given an easy link to the LaunchPack.

This Pack was added to February 6, 2017.

We'll send you a reminder, but you can visit your Schedule to make changes or to see what's coming up.
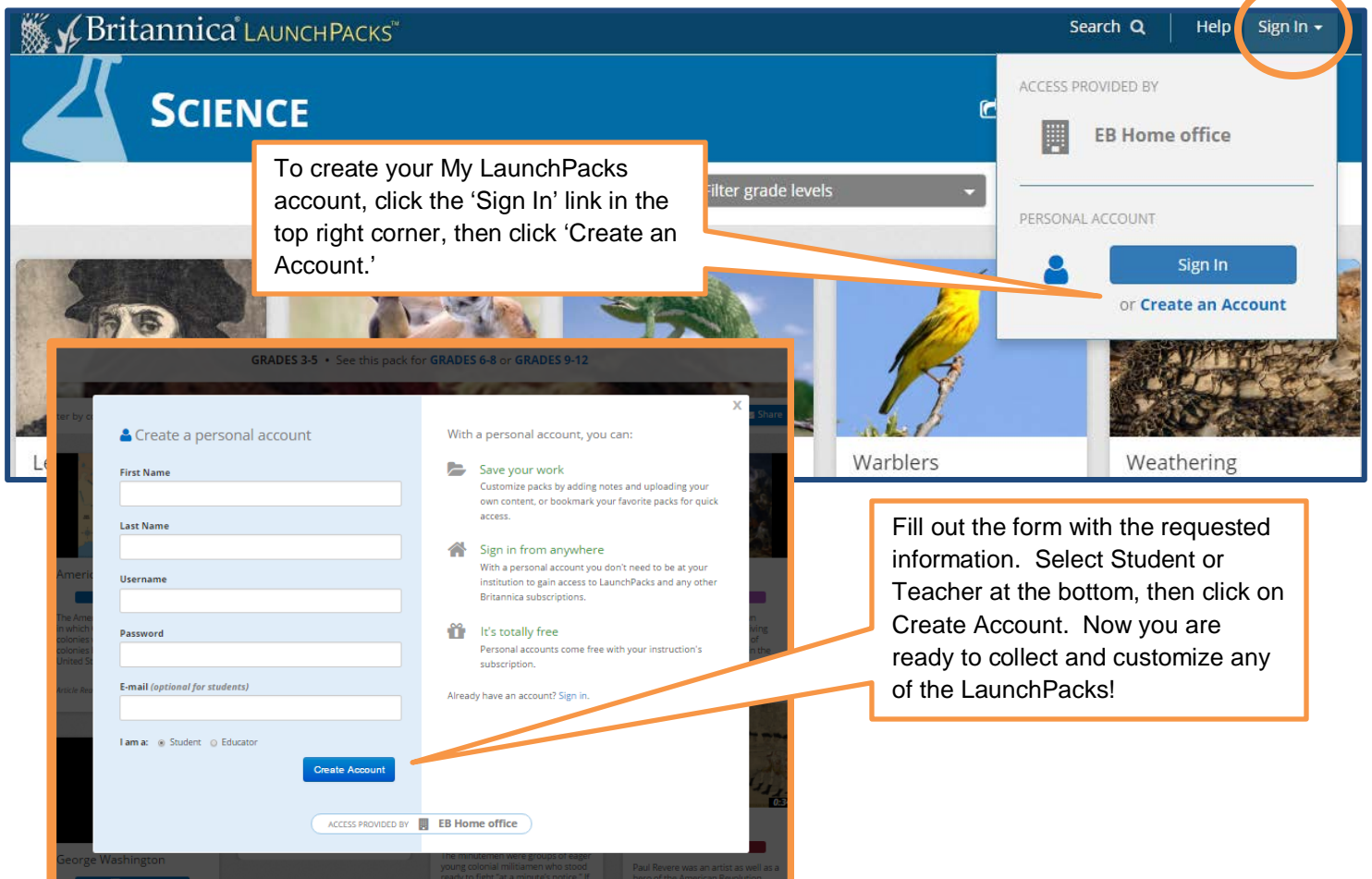
Create My LaunchPacks

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SCIENCE

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PERSONAL ACCOUNT

👤 **Sign In**

or **Create an Account**

Filter grade levels ▾

To create your My LaunchPacks account, click the 'Sign In' link in the top right corner, then click 'Create an Account.'

GRADES 3-5 • See this pack for **GRADES 6-8** or **GRADES 9-12**

Warblers | Weathering

👤 Create a personal account

First Name

Last Name

Username

Password

E-mail *(optional for students)*

I am a: ○ Student ○ Educator
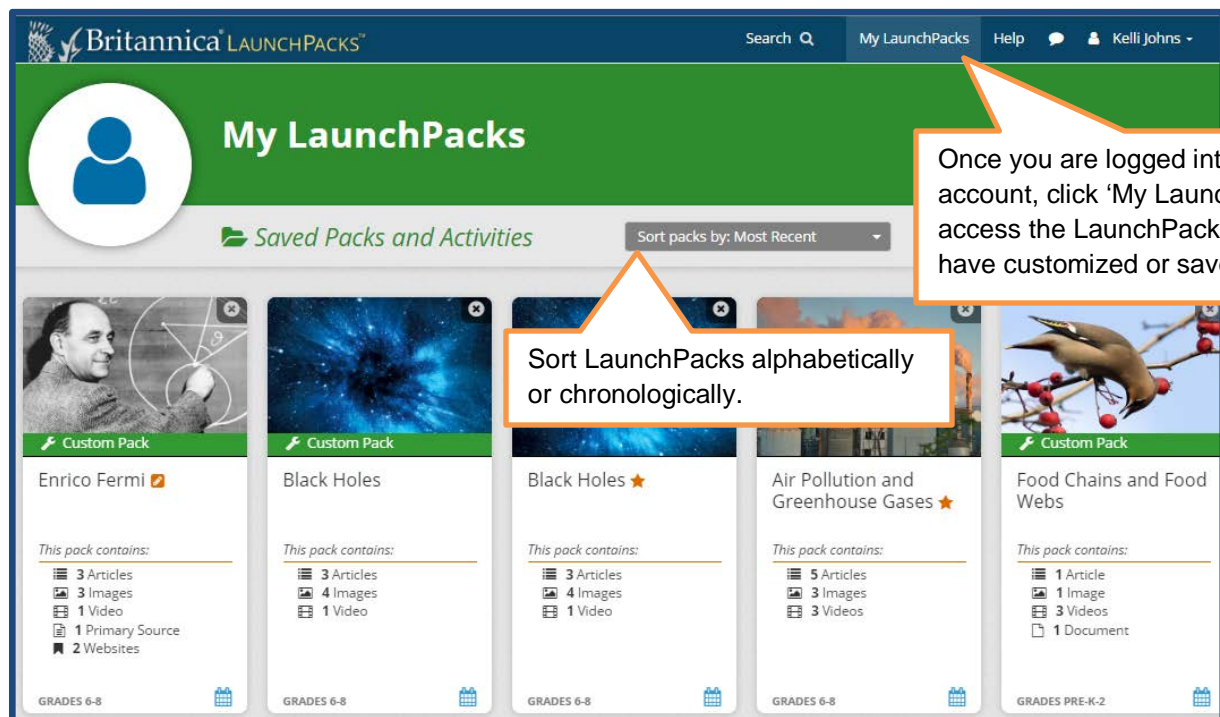
Create Account

With a personal account, you can:

📁 **Save your work**
Customize packs by adding notes and uploading your own content, or bookmark your favorite packs for quick access.

🏠 **Sign in from anywhere**
With a personal account you don't need to be at your institution to gain access to LaunchPacks and any other Britannica subscriptions.

🎁 **It's totally free**
Personal accounts come free with your instruction's subscription.

Already have an account? Sign in.

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Fill out the form with the requested information. Select Student or Teacher at the bottom, then click on Create Account. Now you are ready to collect and customize any of the LaunchPacks!

George Washington

Britannica LAUNCHPACKS™

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👤 **My LaunchPacks**

📁 *Saved Packs and Activities*

Sort packs by: Most Recent ▾

Once you are logged into your account, click 'My LaunchPacks' to access the LaunchPacks that you have customized or saved.

Sort LaunchPacks alphabetically or chronologically.

🔧 Custom Pack | 🔧 Custom Pack | | | 🔧 Custom Pack

Enrico Fermi ✏️ | **Black Holes** | **Black Holes** ⭐ | **Air Pollution and Greenhouse Gases** ⭐ | **Food Chains and Food Webs**

This pack contains: | *This pack contains:* | *This pack contains:* | *This pack contains:* | *This pack contains:*

≡ 3 Articles | ≡ 3 Articles | ≡ 3 Articles | ≡ 5 Articles | ≡ 1 Article
🖼 3 Images | 🖼 4 Images | 🖼 4 Images | 🖼 3 Images | 🖼 1 Image
▦ 1 Video | ▦ 1 Video | ▦ 1 Video | ▦ 3 Videos | ▦ 3 Videos
📄 1 Primary Source | | | | 🗋 1 Document
🔖 2 Websites

GRADES 6-8 | GRADES 6-8 | GRADES 6-8 | GRADES 6-8 | GRADES PRE-K-2

Educator Tools

With an educator My LaunchPacks account, teachers can create classes and invite students to join. Teachers can quickly assign a pack to their class or have students interact with resources to answer open-ended questions in a custom Activity Pack.

Add Classes

Choose 'Classes' link from your 'My LaunchPacks' drop-down menu.

Click 'Add Class' button.

Add a class name and optional description.

Select an avatar image and click 'Submit.'
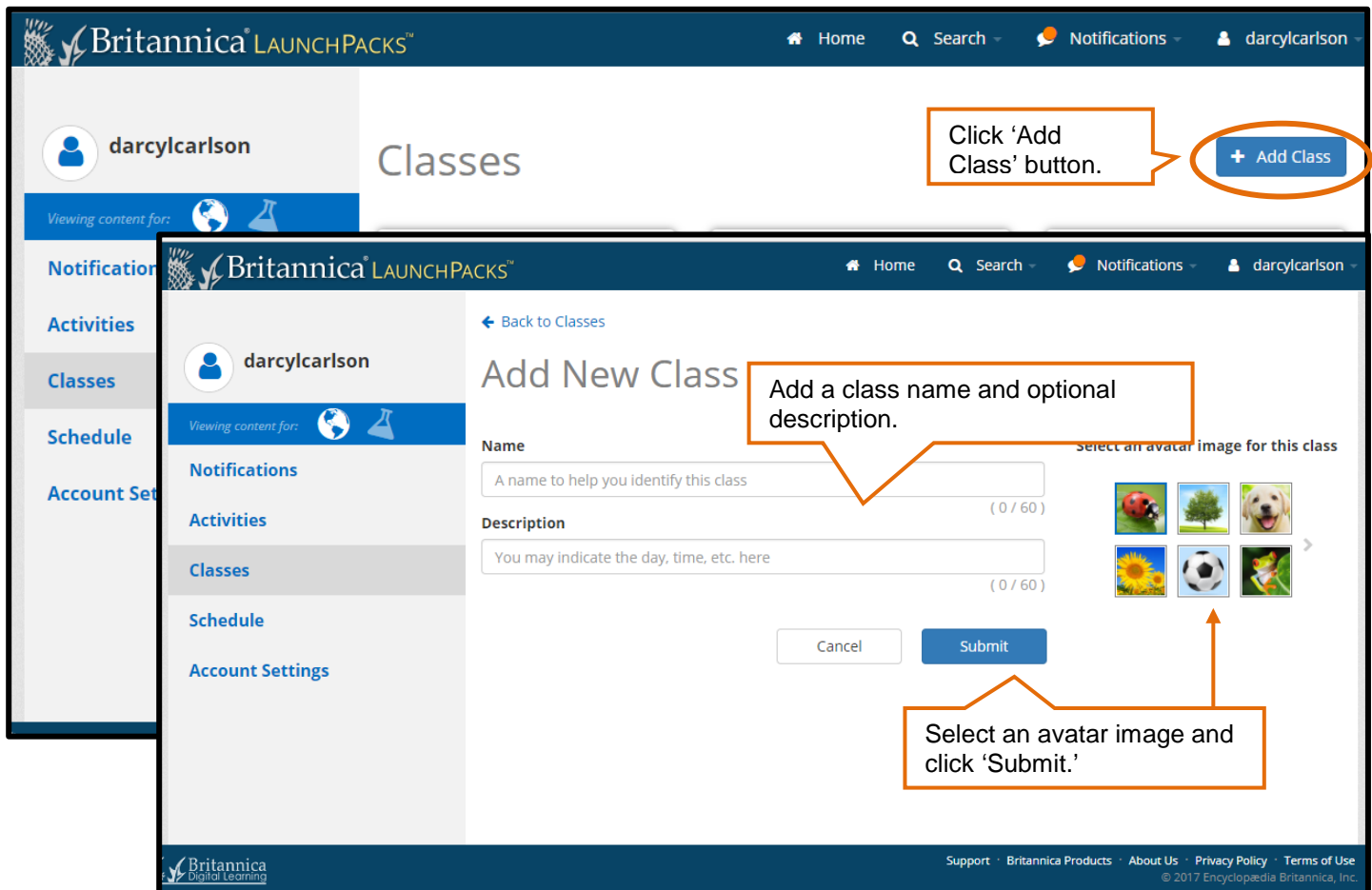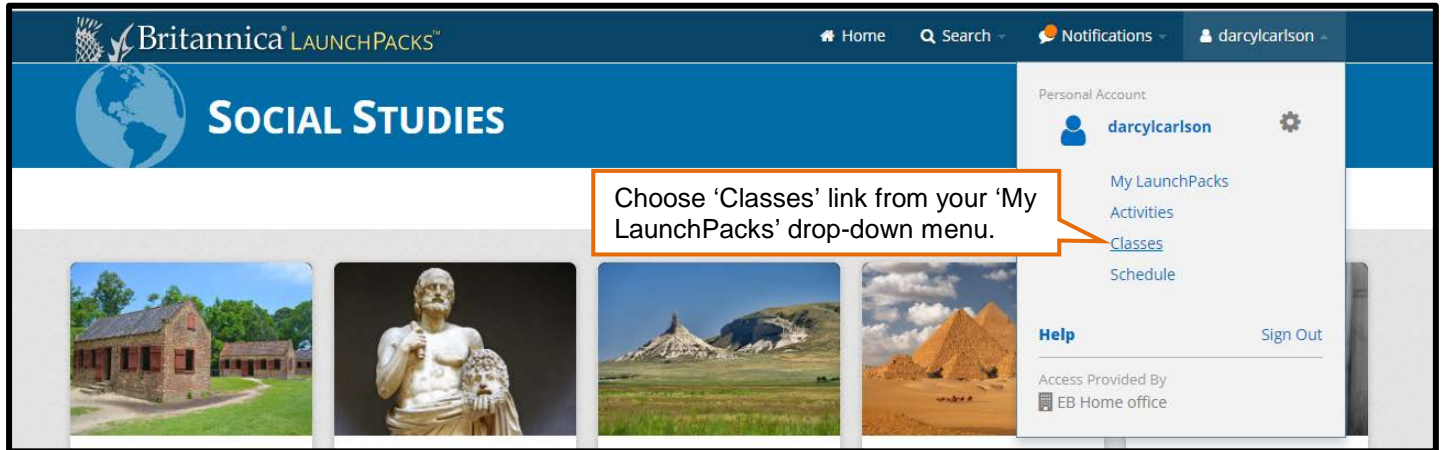
Invite Students to Join a Class

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🐞 **Economics**
9th Period

⚙️

Invite Students to

Well done! Your class is now created. ... ed now are students. Choose an invitation method below that works best for you.

In order to join your class, students will ... to create a personal account, just like you did. Learn more about that process.

> There are three ways to invite students to join a class. In order to join your class, students will need to create a personal account.

> Option #3: E-mail an invite to Students.

| Share Directly with Students | E-mail an Invite to Students |

Give students a class code

GKBDXH | Copy Code

- OR -

Share a direct link

https://packs.eb.com/social-studies/joi | Copy Link

> Option #1: Share class code with students.

> Option #2: Share direct link with students.

Quick Assign a Pack

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Quick Activity Assignment

Quick assignments allow you to task your students with reading or pre-work activities. The students don't have any questions to answer but will be notified and reminded of the assignment just like a normal activity.

Name

Pollution - Quick Activity

Instructions

Review all resources in this Pack by the listed due date.

Start Date **Due Date** **Classroom**

12/12/2017 | to | | Select classroom ▾

Cancel | Assign

> Click 'Quick Assign' in any pack.

🔗 Quick Assign ✏️ Create Activity | 🔧 📅 ☆ ✉️

> Choose to rename the activity, edit or provide instructions, select a due date and classroom. Next, click 'Assign.'

≣ ARTICLE

environme...

Efforts to impro... living for huma... control of natu... development ... also resulted in... contaminatio...

Article Reading Level 1 2 3

≣ ARTICLE

water pollution

Lakes, streams, rivers, estuaries, and oceans, as well as groundwater, can all be contaminated with substances that interfere with the beneficial use of the water or that...

Article Reading Level 2 3

Create an Activity Pack

Have students interact with resources to answer open-ended questions in a custom Activity Pack. Optional things you can do to further customize an Activity Pack include:

- Asking a prior knowledge question to activate and assess students' existing knowledge base.
- Editing any of the pre-written questions to meet your specific objectives.
- Customizing contents: upload document files of your own, add external links, or remove individual content items from your Activity Pack.

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Space Exploration
GRADES 6-8 | See this Pack for **GRADES 3-5**

Filter by: All

Quick Assign   Create Activity

Click 'Create Activity' in any pack.

Starter Activities are differentiated, ready to use sets of instruction and questions designed to foster specific skills such as reading comprehension, making predictions, and understanding perspectives.

1

Starter Activities   → All activities

- **Main Idea**
  Skills: Explain, Support, Identify, Tell, Recall, Select,...
- **Making Predictions**
  Skills: Examine, Explain, Ex...
- **Identify and Define**
  Skills: Examine, Explain, Rephrase, Express, Imagine,...
- **Compare and Contrast**
  Skills: Examine, Explain, Recognize, Exten...
- **Understanding Perspectives**
  Skills: Explain, Record, Reflect, Relate, A...
- **KWLQ**
  Skills: Report, Recognize, Record, Show,...

Choose a skill from the list.

2

Starter Activity:
Compare and Contrast

Add Entire Activity

Add Entire Activity or add individual questions.

Pre-K-2 | 3-5 | 6-8 | 9-12

1 Choose two resources to compare. Which two resources will you use?   Add

Examine the two resources you picked. Find two to three details in them that ...how these resources are similar to each other. Describe these similarities.   Add

...resources again. Find two to three details in them that illustrate how ...re different from one another. Describe these differences.   Add

...resources more alike or more different? Why?   Add

...source in the Pack that could be compared to the first two? Which   Add

...ocess of comparing and contrasting. Did you learn something new by examining these resources side by side that you might not have learned otherwise?   Add

Find questions suitable for different grade bands.

3

← Show Activity Builder

Student Instructions
Compare two things using the resources in this Pack. Think about how these things are the same....
Edit

Prior Knowled...
Add

Questions

1 Choose two resources to compare. Which two resources will you use?

2 Closely examine the two resources you picked. Find two to three details in them that illustrate how these resources are similar to each other. Describe these similarities.

3 Reflect on the process of comparing and contrasting. Did you learn something new by examining these resources side by side that you might not have learned otherwise? Explain what you learned.

Review and edit questions.

+ Activity Builder
or
Add a Custom Question

Add a custom question.

Save and Review

Cancel Activity

Questions by Category offer individual questions targeting skill building in areas like critical thinking, inquiry, vocabulary, and reflection. Use them as add-ons or mix and match to make an activity.

1

Questions by Category   → All questions

- Critical Thinking, Vocabulary, Inquiry, Reflection, Comprehension, Making Connections

Custom Question
- ⊕ Add Custom Question

Click on a category.

2

...estions by Category:
Inquiry

What do you already know about this topic? Did you observe it or infer it?   Add

What do you not know about this topic? How do you know you don't know?   Add

    Add

    Add

    Add

    Add

How can we verify or test the information presented on this topic?   Add

Which facts presented on this topic are the most important?   Add

What concepts helped you organize this information?   Add

Click 'Add' add individual questions.

→ Preview Student Activity Pack

Preview student view.

Review Student Progress

Click 'Activities' from your personal account drop-down menu.

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EB Home office

Activity Pack

The Middle Ages:
Civilizations of China

DUE
Nov 21, 2017

DAYS LEFT
⚠ 0

STUDENT PROGRESS

1 Click 'Review Progress.'

➜ Review Progress

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← Back to Activities

The Middle Ages: Civilizations of China   Mark Complete

View Activity Pack   Delete Activity

Student Responses

By Question | By Student

Review student responses by question or by student.

Student Submissions: In Progress   Responses as of: 12/18/2017, 10:59:40 AM

Filter by

Filter by: All ▼   Expand All ⌄

2 Click any question to view student responses.

ⓟ What do you already know about the Civilizations of China in the Middle Ages?

① Choose two resources to compare. Which two resources will you use?

② Closely examine the two resources you picked. Find two to three details in them that illustrate how these resources are similar to each other. Describe these similarities.

③ Now review the resources again. Find two to three details in them that illustrate how these resources are different from one another. Describe these differences.

④ Are these two resources more alike or more different? Why?

⑤ Is there a third resource in the Pack that could be compared to the first two? Which resource is it?

⑥ Reflect on the process of comparing and contrasting. Did you learn

---

ⓟ What do you already know about the Civilizations of China in the Middle Ages?

☐ Mark as reviewed for all questions

👤 Fozzie Bear   Not Started

(no response)

👤 Kermit the Frog   In Progress

Not much!

👤 Miss Piggy   Not Started

(no response)