



Science Guided Tour



Table of Contents

Welcome to Britannica LaunchPacks.....	Page 3
Inside LaunchPacks.....	Page 4
Create My LaunchPacks (Your Personal Account).....	Page 5
Customize LaunchPacks.....	Page 6
Annotate LaunchPacks.....	Page 7
Schedule LaunchPacks.....	Page 8
Educator Tools.....	Page 9
Add Classes.....	Page 9
Invite Students to Join a Class.....	Page 10
Quick Assign a Pack.....	Page 10
Create an Activity Pack.....	Page 11
Review Student Progress.....	Page 12

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



Technical Support

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.

The screenshot displays the Britannica LaunchPacks Science website interface. At the top, there is a search bar with a magnifying glass icon and a 'Search' button. To the right of the search bar are links for 'Help' and 'Sign In'. Below the search bar is a blue header with the word 'SCIENCE' in white. To the right of 'SCIENCE' is a link that says 'Switch to LaunchPacks: Social Studies'. Below the header, there are two dropdown menus: 'Filter grade levels' and 'Filter by category...'. The main content area is a grid of LaunchPacks. Each LaunchPack features a large image at the top, a title, and a list of resources. The resources are categorized by type: Articles, Images, Videos, Primary Source, and Websites. The LaunchPacks shown include: Leonardo da Vinci (5 Articles, 5 Images, 2 Videos), Community Interactions (3 Articles, 3 Images, 3 Videos), Chameleons (3 Articles, 2 Images, 1 Video), Warblers (1 Article, 5 Images), Weathering (4 Articles, 5 Images, 2 Videos, 1 Website), Technology (5 Articles, 3 Images), Enrico Fermi (3 Articles, 3 Images, 1 Video, 1 Primary Source, 2 Websites), Natural Selection and evolution (5 Articles, 3 Images), Sparrows (1 Article, 5 Images), and Robins (1 Article, 3 Images). The LaunchPacks are also categorized by grade level: GRADES 9-12, GRADES 3-5, GRADES PRE-K-2, and GRADES 6-8. Callouts highlight the search bar, the 'Filter by grade level' dropdown, the 'Filter by category' dropdown, and the resource list for the Enrico Fermi LaunchPack.

Filter by grade level.

Filter by category.

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

Inside LaunchPacks

The screenshot displays the Britannica LaunchPacks interface for the topic "Enrico Fermi". The header includes the Britannica logo, the title "Enrico Fermi", and the grade levels "GRADES 6-8 | See this Pack for GRADES 3-5". A callout box points to the grade levels, stating: "Change the grade level materials within each LaunchPack." Below the header, there are filters and options to "Favorite", "Customize", and "Share". The main content area features several cards: an "ARTICLE" card for "Enrico Fermi" with a reading level indicator (1, 2, 3) and a callout box stating: "Adjust the reading level of any article."; an "IMAGE" card showing Fermi at the controls of the synchrocyclotron; a "PRIMARY SOURCE" card titled "Document: Einstein's Letter to President Roosevelt, 1939" with a "Britannica Note"; and another "ARTICLE" card for the "Manhattan Project". A sharing modal is open in the foreground, titled "Copy the link to this LaunchPack", showing the URL "http://eb.com/85473" and a "Copy Link" button. Below this, it says "Send an e-mail with a link to this LaunchPack" and provides fields for "To" (E-mail), "From" (Name and E-mail), and buttons for "Cancel" and "Send".

Britannica LAUNCHPACKS™

Search Q Help Sign In ▾

Enrico Fermi
GRADES 6-8 | See this Pack for GRADES 3-5

Filter by: All ▾

☆ Favorite ✎ Customize ✉ Share

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

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

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

Britannica[®] LAUNCHPACKS™

Search | My LaunchPacks | Help | Kelli Johns

Enrico Fermi

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

Filter by: All

Favorite Schedule Customize Share

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

Enrico Fermi

IMAGE

Enrico Fermi at the controls of

Manhattan Project

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

Britannica

Search | My LaunchPacks | Help | Kelli Johns

Enrico Fermi

GRADES 6-8

Customize Pack Content

Discard Changes Save Changes

Add a pack note.

Edit the title to suit your needs.

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

Save or Discard changes you make to your LaunchPack.

Kelli Johns's Note:

Remove Note

Manhattan Project

Remove any resources that you don't need.

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...

Add a note

Article Reading Level 1 2 3

Add Custom Content

Upload a Document

Add an External Link

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.

Add a note

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.

Kelli Johns's Note:
Take a look at this image. List three questions you have regarding the image.

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!

The screenshot shows the Britannica LAUNCHPACKS interface for the article 'matter'. The top navigation bar includes a search icon, 'My LaunchPacks', 'Help', and a user profile 'Kelli Johns'. A 'Back to Enrico Fermi Pack' link is visible. The article title 'matter' is prominently displayed, followed by an 'Introduction' section. The text of the introduction is highlighted in various colors (purple, blue, yellow, orange) to represent different annotation types. A callout box points to a toggle switch labeled 'READ' and 'ANNOTATE (3)', with the text 'Switch toggle from "Read" to "Annotate"'. Another callout points to a download icon in the top right, with the text 'Click here to download the annotated article to your device.' A third callout points to a 'Comments...' dialog box, with the text 'Each annotation is color coded, making it easy to quickly find what you need.' A fourth callout points to a list of annotations on the right side of the screen, with the text 'Find annotations on the right side of the screen.' The list includes 'What is the difference between energy and matter?' with a 'Question' annotation type. A fifth callout points to a pencil icon in the bottom right, with the text '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.'

Britannica[®] LAUNCHPACKS[™]

Search My LaunchPacks Help Kelli Johns

[← Back to Enrico Fermi Pack](#)

READ ANNOTATE (3)

Switch toggle from "Read" to "Annotate"

Click here to download the annotated article to your device.

3 annotations

Comments...

Cancel Save

Comment
Question
Vocabulary
Evidence
Summary
Connection

What is the difference between energy and matter?

Question

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

Find annotations on the right side of the screen.

Physical states

increasing energy

This screenshot shows the same Britannica LAUNCHPACKS interface, but with a callout box pointing to the annotation tool. The callout box contains the text: '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.' The annotation tool is located in the bottom right corner of the article text area. It features a pencil icon and a dropdown menu with the following options: Vocabulary, Evidence, and Question. The article text is highlighted in various colors to represent different annotation types.

Britannica[®] LAUNCHPACKS[™]

Search My LaunchPacks Help Kelli Johns

[← Back to Enrico Fermi Pack](#)

READ ANNOTATE (3)

Annotation Tools All Categories (3)

3 annotations

matter

Introduction

An electron, a grain of sand, an elephant, and a giant quasar at the edge of the visible universe all have one thing in common—they are composed of matter. Matter is the material substance that makes up the physical universe. A beam of light, the motion of a falling stone, and the explosion of a stick of dynamite all have one thing in common—they are expressions of energy. Energy and matter together form the basis for all observable phenomena.


Vocabulary
Evidence
Question

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

Britannica® LAUNCHPACKS™

Search | My LaunchPacks | Help | Kelli Johns

Enrico Fermi 

GRADES 6-8 | Custom Pack created by Kelli Johns

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

[Schedule](#) [Customize](#) [Share](#)


Physical states | Website | Public Broadcasting Corporation

Britannica® LAUNCHPACKS™

Search | My LaunchPacks | Help

Schedule

ADD TO SCHEDULE (DRAG & DROP)

 Enrico Fermi
GRADES 6-8

EDIT SCHEDULE

View your full schedule to make changes.


Today

May 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	1	2	3	4	5	6
		9				
		6				

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.

Schedule



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.

[Continue Browsing](#)

Britannica® LAUNCHPACKS™

START SMART WITH LAUNCHPACKS!

Filter grade levels | Filter by category

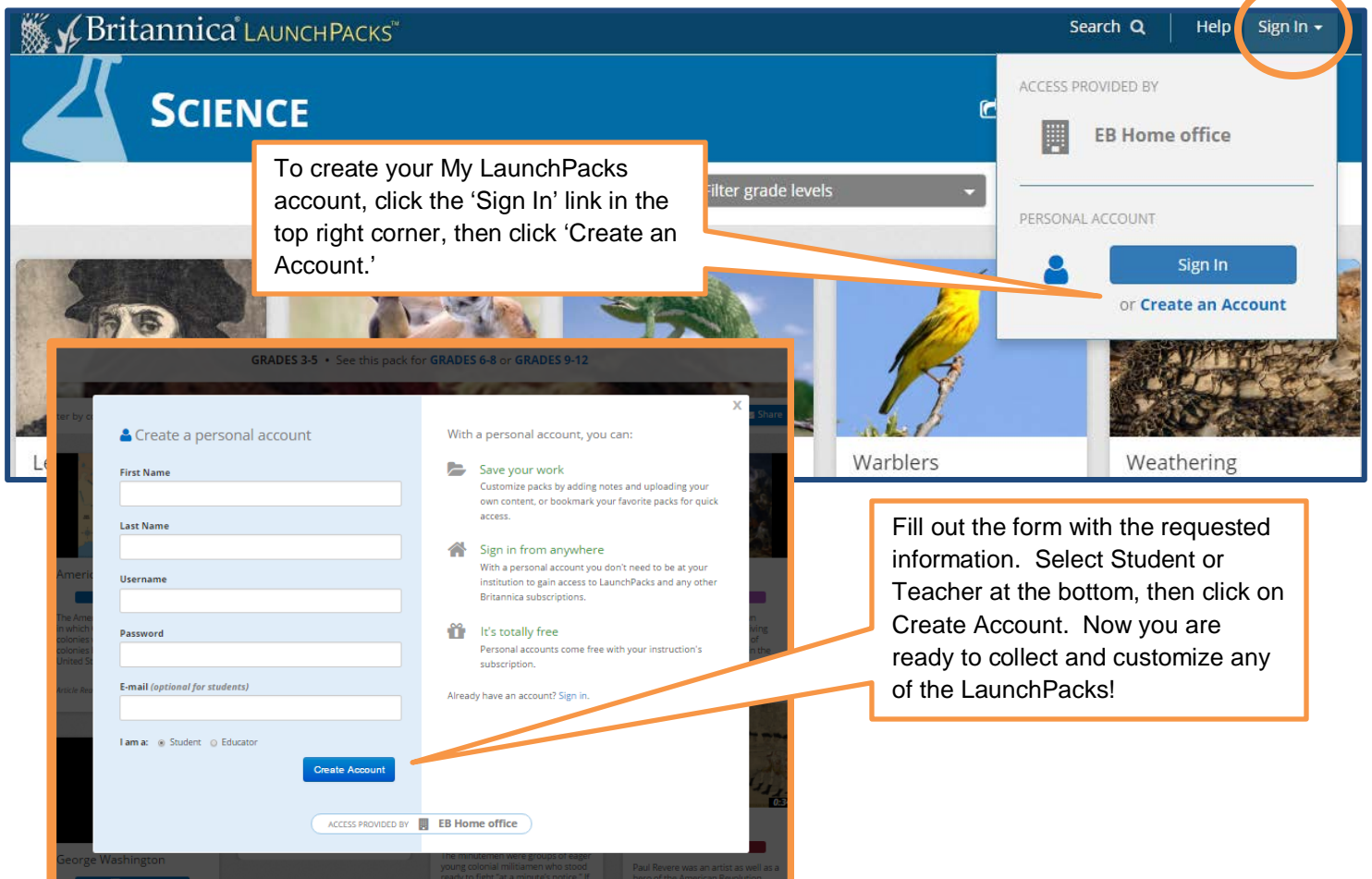
My LaunchPacks | Help | Jennifer Keating

NOTIFICATIONS

- February 03 - Scheduled: The American Revolution
- January 25 - Scheduled: Barack Obama

[Recent Notifications](#) [Schedule](#)

Create My LaunchPacks



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

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!

Create a personal account

First Name
Last Name
Username
Password
E-mail (optional for students)
I am at: ☒ Student ☐ Educator

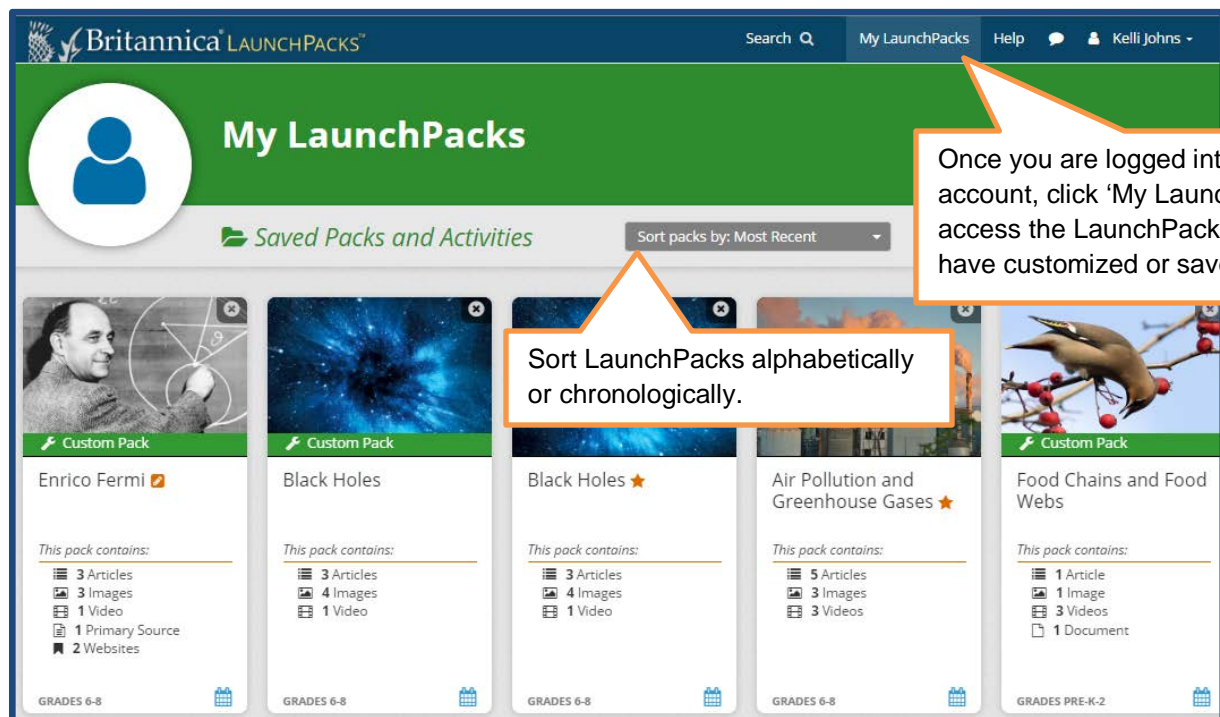
Create Account

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 institution's subscription.

Already have an account? [Sign in.](#)

ACCESS PROVIDED BY: EB Home office



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

My LaunchPacks

Sort packs by: Most Recent

Sort LaunchPacks alphabetically or chronologically.

Custom Pack

Enrico Fermi

This pack contains:

- 3 Articles
- 3 Images
- 1 Video
- 1 Primary Source
- 2 Websites

GRADES 6-8

Custom Pack

Black Holes

This pack contains:

- 3 Articles
- 4 Images
- 1 Video

GRADES 6-8

Custom Pack

Black Holes

This pack contains:

- 3 Articles
- 4 Images
- 1 Video

GRADES 6-8

Custom Pack

Air Pollution and Greenhouse Gases

This pack contains:

- 5 Articles
- 3 Images
- 3 Videos

GRADES 6-8

Custom Pack

Food Chains and Food Webs

This pack contains:

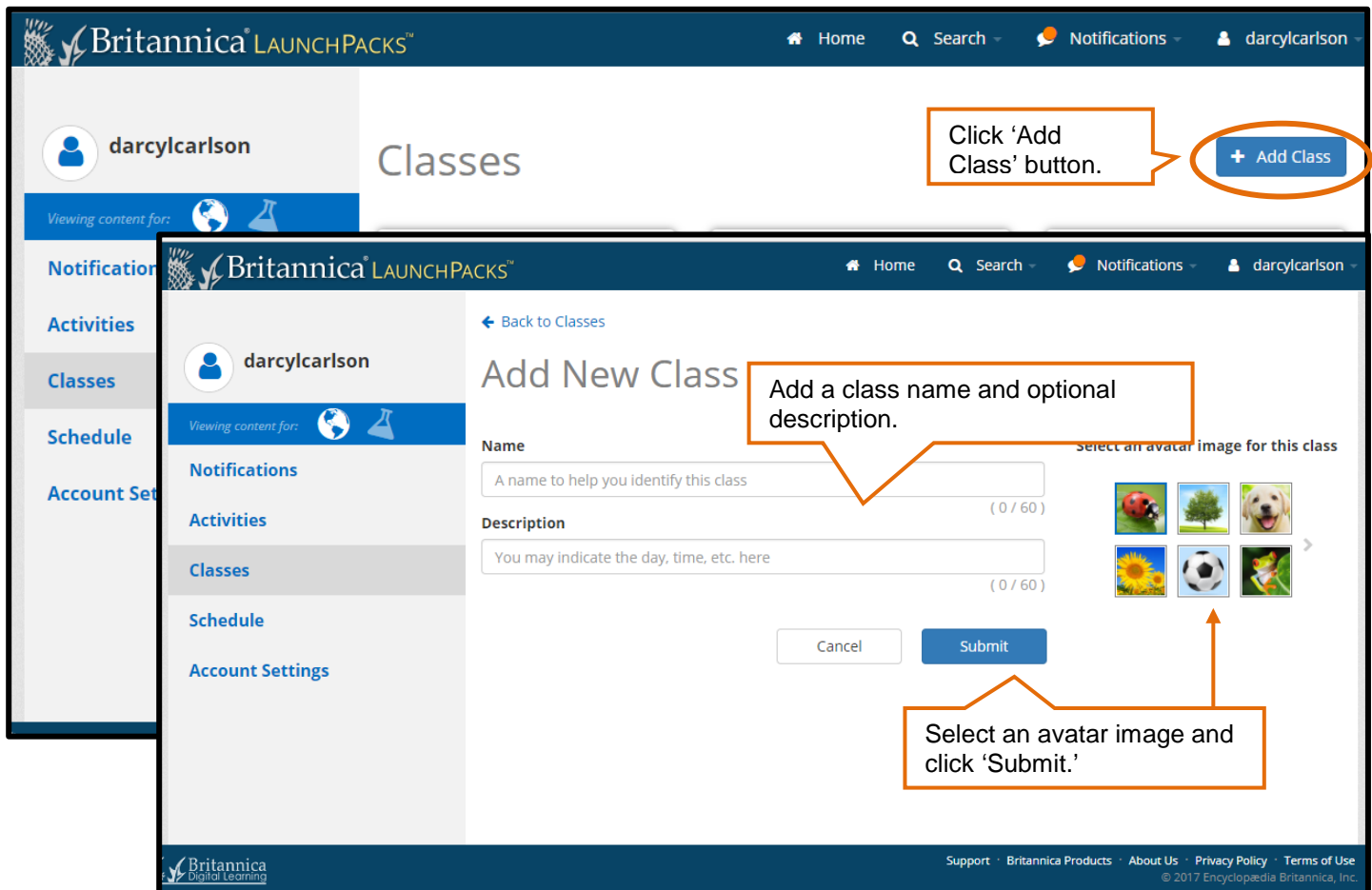
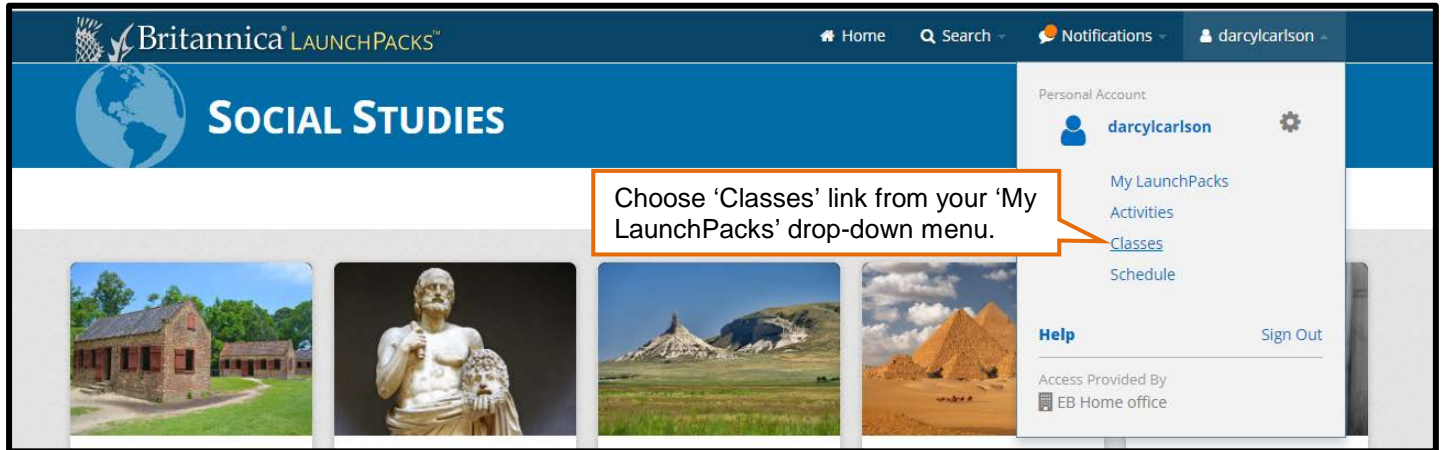
- 1 Article
- 1 Image
- 3 Videos
- 1 Document

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



Invite Students to Join a Class

Britannica[®] LAUNCHPACKS™

darcylcarlson

Viewing content for:

Notifications

Activities

Classes

Schedule

Account Settings

← Back to Classes

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.](#)

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.

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

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.

Quick Assign a Pack

Britannica[®] LAUNCHPACKS™

Home Search Notifications darcylcarlson

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.

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

Quick Assign Create Activity

environmental

Efforts to improve living for human control of natural development also resulted in contamination

Article Reading Level 1 2 3

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.

The screenshot shows the top of the Britannica LAUNCHPACKS interface. The header includes the Britannica logo, 'LAUNCHPACKS™', and navigation links for Home, Search, Notifications, and a user profile (darcylcarlson). Below the header, a large blue banner features a circular image of an astronaut and the title 'Space Exploration' in white. Underneath the title, it says 'GRADES 6-8 | See this Pack for GRADES 3-5'. A 'Filter by: All' dropdown menu is visible. On the right side of the banner, a callout box points to a 'Create Activity' button in the navigation bar, with the text '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.

This block contains two screenshots of the 'Starter Activities' section. The first screenshot (labeled 1) shows a list of activity categories: Main Idea, Making Predictions, Identify and Define, Compare and Contrast, Understanding Perspectives, and KWLQ. A callout box points to this list with the text 'Choose a skill from the list.' The second screenshot (labeled 2) shows the 'Compare and Contrast' activity page. It includes a list of questions and a table with grade bands (Pre-K-2, 3-5, 6-8, 9-12). A callout box points to the 'Add Entire Activity' button with the text 'Add Entire Activity or add individual questions.' Another callout box points to the grade band filters with the text 'Find questions suitable for different grade bands.'

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.

This block contains two screenshots of the 'Questions by Category' section. The first screenshot (labeled 1) shows a list of categories: Critical Thinking, Vocabulary, Inquiry, Reflection, Comprehension, Making Connections. A callout box points to this list with the text 'Click on a category.' The second screenshot (labeled 2) shows the 'Inquiry' category page. It lists several questions, each with an 'Add' button. A callout box points to one of the 'Add' buttons with the text 'Click 'Add' add individual questions.'

This screenshot shows the 'Activity Builder' interface. It includes sections for 'Student Instructions', 'Prior Knowledge', and 'Questions'. The 'Questions' section lists three questions with numbered steps. A callout box points to the 'Review and edit questions.' text. Below the questions, there is an 'Activity Builder' section with a button to 'Add a Custom Question'. A callout box points to this button with the text 'Add a custom question.' At the bottom, there are buttons for 'Save and Review' and 'Cancel Activity', and a link to 'Preview Student Activity Pack'.

Preview student view.

Review Student Progress

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

1 Click 'Review Progress.'

2 Click any question to view student responses.

Review student responses by question or by student.

P 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)