

Guided Tour

Your guide to getting started with
Britannica® LaunchPacks™ : Science



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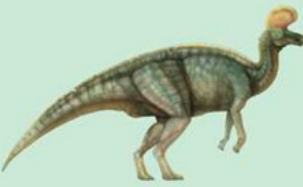
Notes Page

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Our Contact Details

Welcome

packs.eb.com.au/science




Dinosaurs: Duck-Billed
Dinosaurs and Their
Relatives

This Pack contains:

- 5 Articles
- 3 Images
- 1 Video

YEARS 6-8

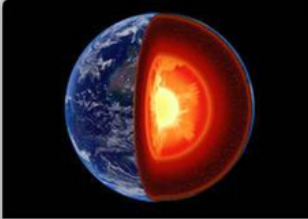


The Nervous System

This Pack contains:

- 7 Articles
- 3 Images
- 1 Video

YEARS 9-12




Earth's Layers

This Pack contains:

- 5 Articles
- 4 Images
- 1 Video

YEARS 9-12



Lighting Systems

This Pack contains:

- 1 Article
- 5 Images
- 2 Interactives

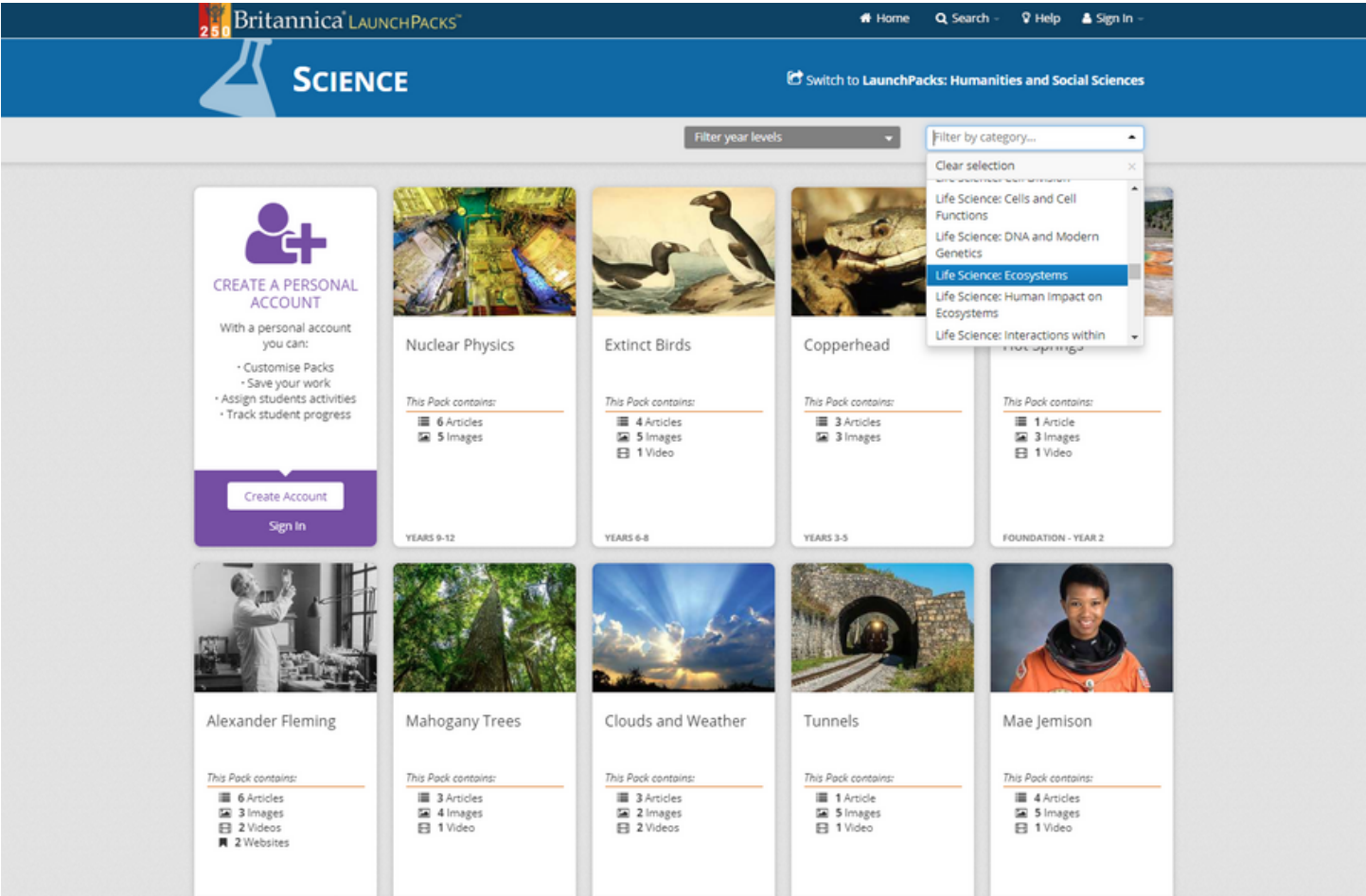
FOUNDATION - YEAR 2

Welcome to Britannica LaunchPacks: Science!

You now have access to thousands of individually curated, ready-to-use content sets covering topics from your curriculum. Whether it's Earth Science, Life Science, Physical Science or Space Science - it's time to start exploring with your class!

LaunchPacks save planning time and build active engagement with tools such as activities, annotation and customisation!

Home Page

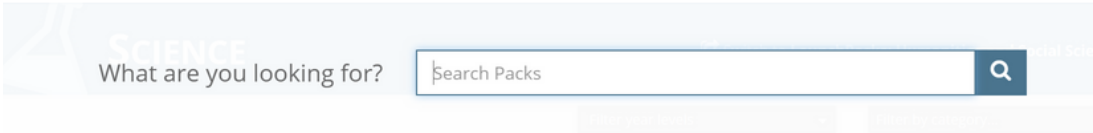


LaunchPacks

Each LaunchPack contains a variety of content types including Articles, Images, Videos, Primary Sources and Websites.

Search and Filter

You can filter Packs in 4 levels: Foundation-2, Years 3-5, Years 6-8 and Years 9-12 or by Category. Search for a particular Pack using keywords or phrases.



Inside a Pack

Customise Content

Customise to edit a pack's contents. More information on Page 10.

Activities

Build critical thinking and inquiry skills by adding Activities to a Pack.

Assign

Assign a Pack to task your students with reading or pre-work activities.

The screenshot shows the Britannica LaunchPacks interface for a pack titled "The Solar System" (YEARS 6-8). The interface includes a navigation bar with "Home", "Search", "Notifications", "Help", and a user profile "Will Wei". Below the navigation bar, there are tabs for "LaunchPack", "Customise", "Activities", "Favourite", "Assign", and "Send to". The main content area displays a grid of resources:

- SAVE THIS PACK FOR LATER:** A button to save the pack for later use.
- ARTICLE:** "solar system" article with a description: "As the Sun rushes through space at a speed of roughly 150 miles (240 kilometers) per second, it takes many smaller objects along with it. These include the planets and dwarf..."
- VIDEO:** "Sun" video with a description: "Learn about the comparative size of various solar system objects."
- ARTICLE:** "Sun" article with a description: "Although the Sun is a rather ordinary star, it is very important to the inhabitants of Earth. The Sun is the source of virtually all Earth's energy. It provides the heat and..."
- IMAGE:** "solar system" image with a description: "Artist's conception of a young version..."

Each resource card includes an "Article Reading Level" indicator (1, 2, 3) and a "Favourite Pack" button.

Multimedia Content

Find level-appropriate articles, images, videos, primary sources or websites related to the topic.

Share or Save Content

Share content via E-mail or Google Classroom. Click the Favourite Star to save a Pack.

Schedule

Schedule a Pack to your personal calendar and receive reminders closer to the due date.

Articles

Table of Contents

Expand or collapse the table of contents using the + or - symbols.

Article Reading Level

Articles have multiple Reading Levels. Individuals can use the level labels to switch to content most suited to their ability.

Page Tools

Use Page Tool controls to reduce or enlarge text size, print the full article, generate a citation, translate the article or create an article excerpt.

Dictionary

Double-click any word to see a Quick-Click dictionary definition! Powered by Merriam-Webster.

Read Aloud

Click play to hear the article read aloud.



Annotating an Article

Annotation Mode

Click to switch to Annotation mode within an article.

Highlight and Annotate

Highlight any text and click the Pencil icon that appears. Type your annotation and click Save.

Categorise Annotations

Organise and colour-code your annotations by selecting a Category. E.g. Question or Vocabulary.

The screenshot displays the Britannica LaunchPacks interface. At the top, there's a navigation bar with 'Home', 'Search', 'Notifications', 'Help', and a user profile 'Hannah'. Below this, a breadcrumb trail shows 'Back to The Solar System Pack'. The main article area is titled 'solar system' and 'Introduction'. The text is annotated with highlights in purple, green, and yellow. A diagram of the solar system is shown at the bottom of the article. On the right, the 'Annotation Tools' section shows 'All Categories (5)' and icons for email, download, and print. Below this, a list of 5 annotations is shown, each with a category (Evidence, Connection, Question) and a color-coded dot.



Sharing Annotations

Click the envelope icon under Annotations Tools to share your annotations via Email.



Download Annotations

You can also download your annotations as a formatted Word or PDF document.

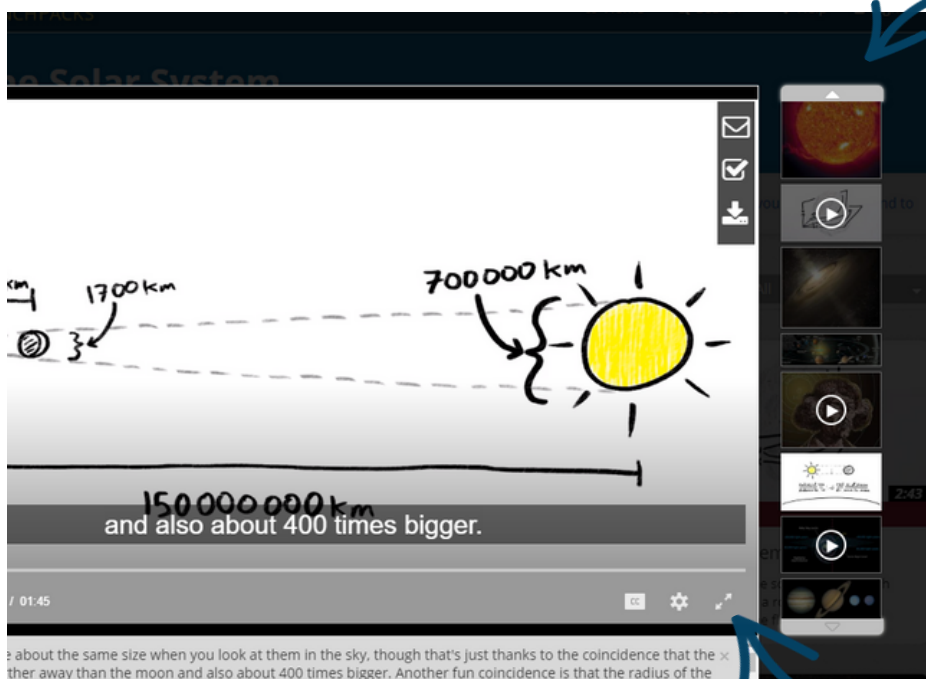
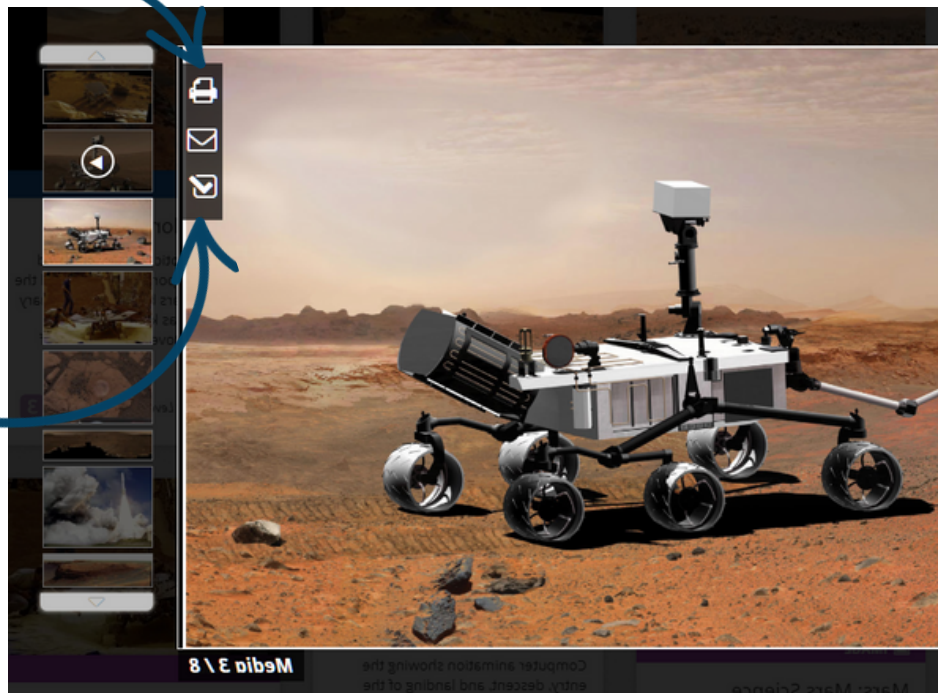
Media Tools: Images & Videos

Media Sharing

Share the media using Email.
Download a video or Print an image.

Generate Citation

Click to generate a Citation for the media.



Media Slider

Scroll through the slider to view other media files from the same Pack.

Media Player Tools

Use the video controls to play a video with Closed Captions (CC) or watch videos in full screen.

Customising a Pack

The screenshot shows the Britannica LaunchPacks interface for a pack titled "The Solar System" (Years 6-8). The interface includes a top navigation bar with "Home", "Search", "Notifications", "Help", and a user profile "Willia Wei". Below the navigation bar is a green header with the pack title and a dropdown menu for "YEARS 6-8". The main content area is titled "Customise Pack Contents" and features a "Content Type: All" filter. The content is organized into a grid of cards:

- Willia Wei's Note:** A green card with a note about watching a video "Sun" and studying the article "Sun".
- Sun:** A video card showing a diagram of the Sun's radius and distance to the Moon, with a 1:45 duration.
- planets:** An image card showing a diagram of the solar system and a text description of planetary motion.
- asteroid:** An image card showing a close-up of an asteroid.
- solar system:** An image card showing a diagram of the solar system and a text description of the protoplanetary disk.
- Orion Nebula: star formation:** An image card showing four images of the Orion Nebula and a text description of star formation.

Each card has an "Add a note" button. There is also an "Add Custom Content" section with buttons for "Upload a Document", "Add an External Link", "Choose a Graphic Organiser", and "Add a KAHOOT! Quiz".

Editing the Title

Update the title of the Pack and add notes or instructions.

Custom Content

Add your own Custom Document or Web Link to the Pack.

Graphic Organisers

Add pre-created Graphic Organisers to scaffold student work.

KAHOOT! Quiz

Insert your own KAHOOT! Quiz to assess student knowledge.



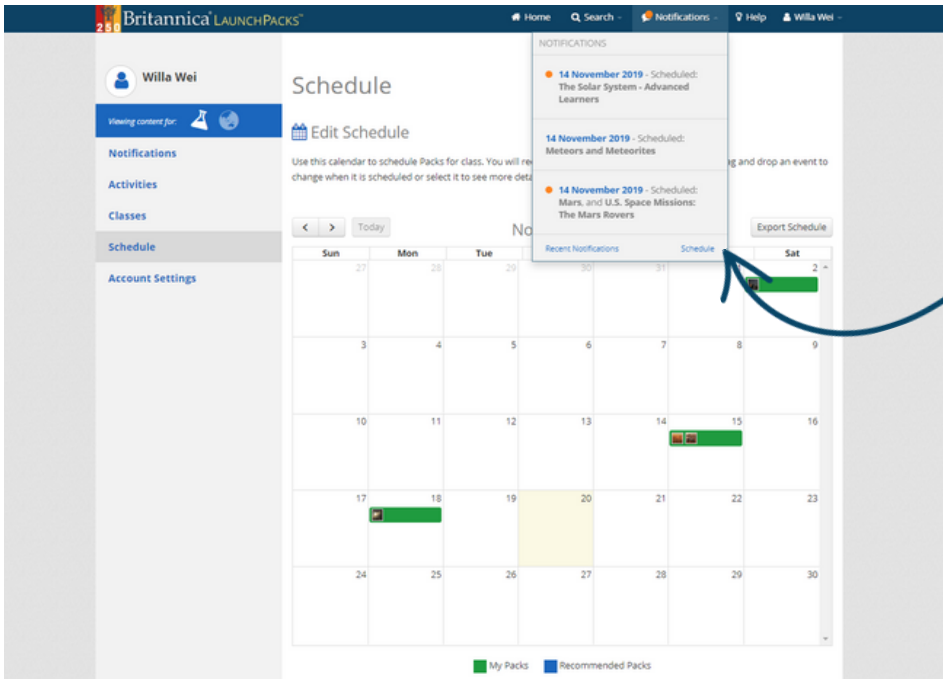
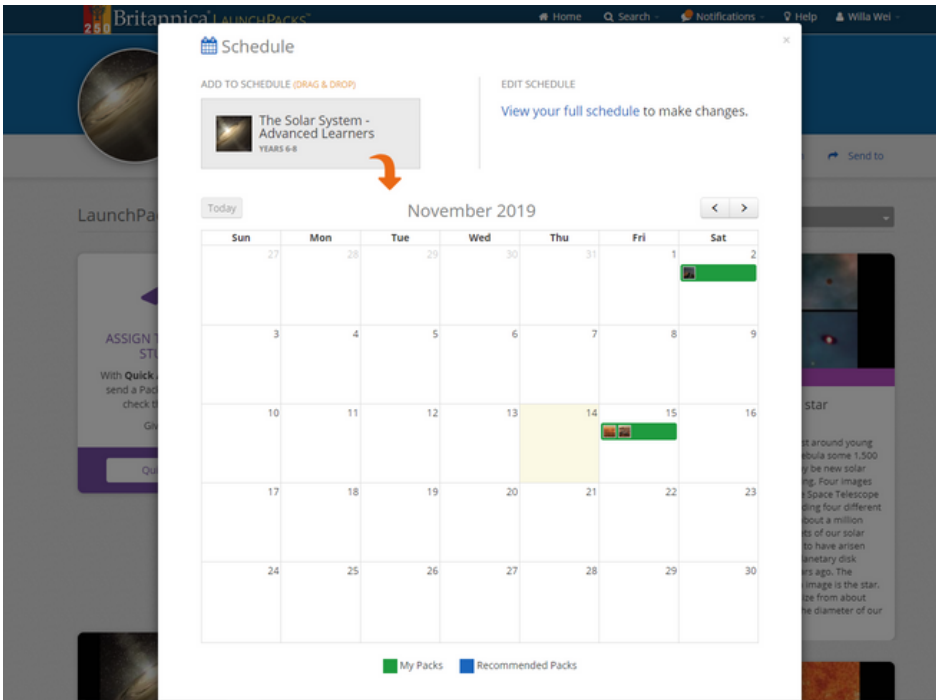
Schedule a Pack

Schedule a Pack

Schedule a Pack to your Personal Calendar using the Send to drop-down.

Collection of Packs

Drag and drop a Pack to any date to receive notifications as the date approaches. Create a Collection when you add 2 or more Packs to a date.



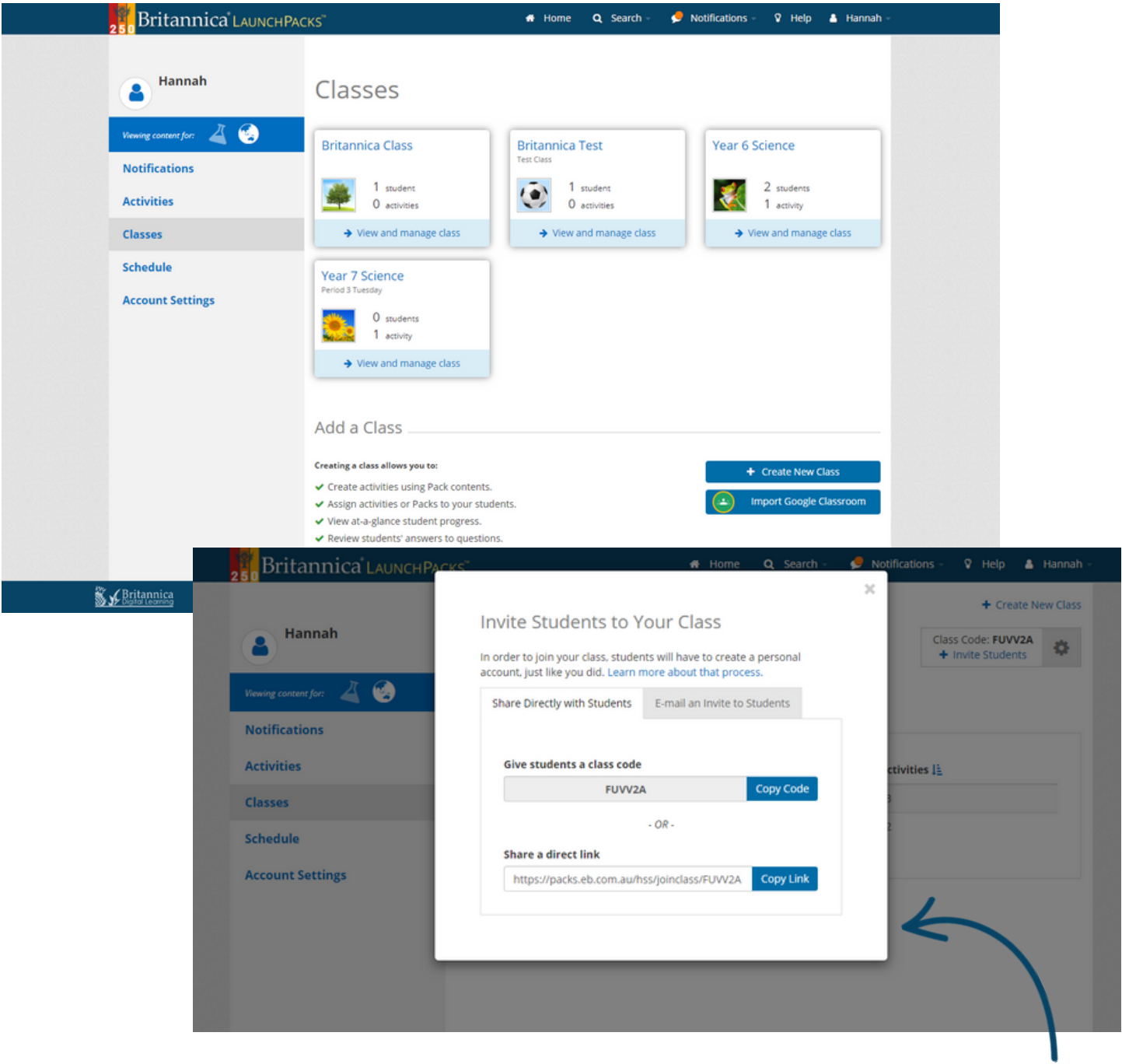
Schedule Dashboard

Visit your Schedule Dashboard via your Account or a Notification.

Export your Schedule

Export your Packs calendar in ICS format to add to your preferred personal calendar.

Classes



Create a Class

Create a class for each group of students you teach or group learners with similar learning needs and styles.

Import from Google

Import existing classes from your Google Classroom account.

Invite Students

Invite students to join the class using a Class Code, Email or Direct Class Link.

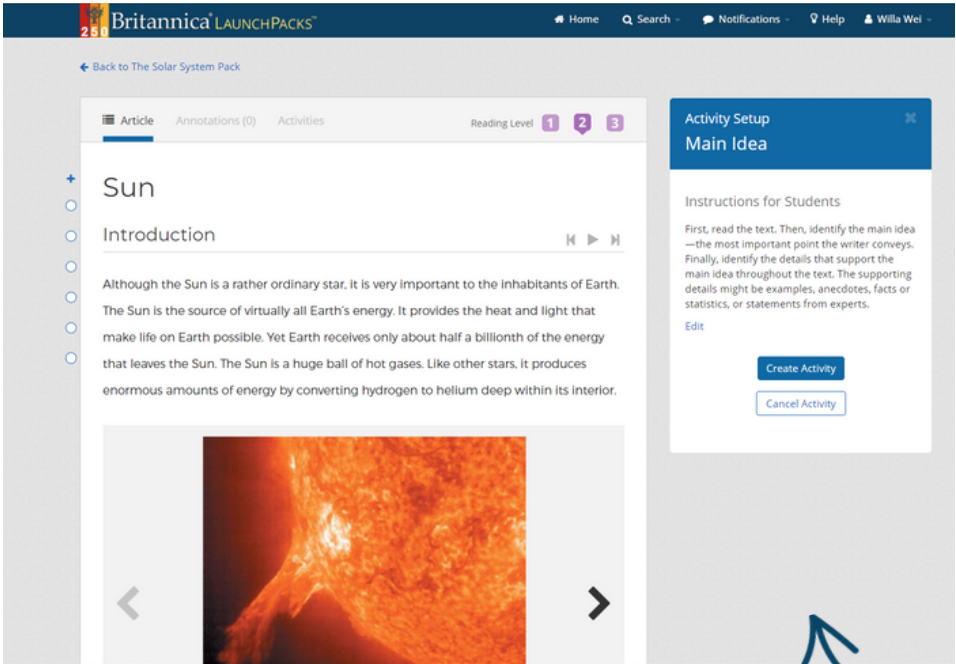
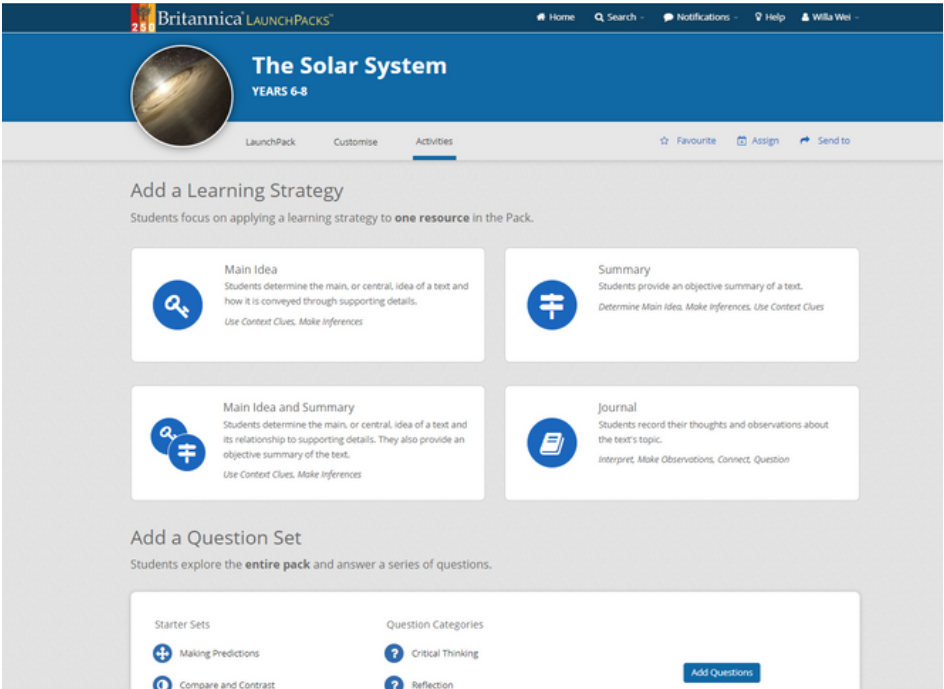
Activities: Learning Strategies

Learning Strategies

Learning Strategies are skill-building exercises that develop subject area literacy.

Types of Strategies

Click "Activities" to select from 4 Learning Strategies: Main Idea, Summary, Main Idea & Summary & Summary and Journal.



Choose a Resource

Select a focus resource for the Learning Strategy: you can use an excerpt or the full text.

Edit the Instructions

Edit or save the default instructions. You can assign multiple Learning Strategies to a single resource.

Activities: Question Sets

Question Sets

Question Sets challenge students to explore the contents of a Pack and find answers.

Starter Sets

Created by Britannica experts, these open-ended questions can apply to many topics. Use a whole set or pick the ones you like.

Show Pack
Show Pack

Starter Sets

	Main Idea <i>Skills:</i> Support, Tell, Recall, Explain, Identify, Assess, Choose, List, Discover, Select, Summarise, Reflect, Relate, Judge, Defend, Examine, Rephrase
	Understanding Perspectives <i>Skills:</i> Interpret, Assess, Choose, Record, Reflect, Explain, Relate, Distinguish, Identify, Support, Use Evidence, Defend, Examine, Extend, Summarise
	Making Predictions <i>Skills:</i> List, Predict, Propose, Discover, Examine, Explain, Extend, Identify, Support, Assess, Evaluate
	KWLQ <i>Skills:</i> Show, List, Recognise, Record, Report, Identify, Assess, Plan, Find, Explain, Express, Examine, Reflect, Analyse, Rate, Draw Conclusions
	Compare and Contrast <i>Skills:</i> Choose, Recall, Contrast, Recognise, Compare, Examine, Explain, Extend, List, Describe, Record, Reflect, Appraise, Assess, Select, Support, Cite Evidence, Propose, Discover, Evaluate
	Identify and Define <i>Skills:</i> Interpret, Define, Recall, Examine, Explain, Express, Rephrase, Identify, Imagine, Visualise, Dissect, Extend, Apply

Student Instructions
Add

Prior Knowledge Question
Add

Questions

+

Pick a question to see it here

or

Add a Custom Question

Save and Review

Cancel Activity

Preview Student Activity Pack

Questions by Category

Add individual Questions by Category to build your own activity.

Activity Builder

Edit question content. Browse and change pre-set question per Year Level. Add Custom Questions.

LAUNCHPACKS™

Home Search Notifications Help Hannah

The Solar System

YEARS 6-8

Create Activity Pack: Teacher View

View Activity Builder

Show Pack

Starter Set:

Compare and Contrast

Add Entire Set

Activity Instructions

Compare two things using the resources in this Pack. Think about how these things are the same. Then, contrast them by thinking about how they are different. What can you learn about each thing by studying them side by side?

Show questions suitable for year levels:

F-2	3-5	6-8	9-12
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- Choose two resources to compare. Which two resources will you use?
- 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.
- 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.
- Are these two resources more alike or more different? Why?
- Is there a third resource in the Pack that could be compared to the first two? Which resource is it?
- 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.

Add

Add

Add

Add

Add

Add

Add Entire Set

Student Instructions

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

Edit


Prior Knowledge Question

Add


Questions

- Choose two resources to compare. Which two resources will you use?
- 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.
- 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.
- Are these two resources more alike or more different? Why?
- Is there a third resource in the Pack that could be compared to the first two? Which resource is it?

Activities: Save, Preview & Assign


Britannica LAUNCHPACKS™

[Home](#)
[Search](#)
[Notifications](#)
[Help](#)
[Willa Wei](#)




The Solar System

YEARS 6-8 | Custom Pack created by Willa Wei

[Student Activity Pack](#)

Content Type: All



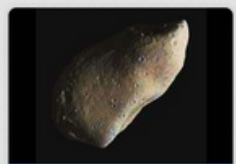
ARTICLE

astronomy

Since the beginnings of humankind, people have gazed at the heavens. Before the dawn of history someone noticed that certain celestial bodies moved in orderly and predictable...

Britannica Note:
Content on this topic is available in the section "The Solar System."

Article Reading Level
1 2 3




ARTICLE

asteroid

The many small bodies called asteroids are chunks of rock and metal that orbit the Sun. Most are found in the main asteroid belt, a doughnut-shaped zone between the orbits of...

Article Reading Level
1 2 3

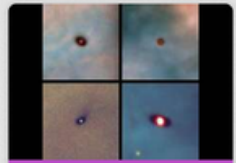


ARTICLE

comet


When near the Sun, the small bodies called comets develop a hazy cloud of gases and dust. They also often develop long, glowing tails. However, a comet exists as only a small...

Article Reading Level
1 2 3



IMAGE

Orion Nebula: star formation



ARTICLE

planet

Activity

→ Student preview

STATUS
🕒 Draft

LENGTH
7 Questions

[Print activity](#)

[Assign](#)

[Schedule](#)

Activity Instructions

Exploring multiple sides and understanding different points of view on a topic are important...

[Edit](#)

Prior Knowledge Question

Think about what you already know about this topic. What connections can you make between...

[Edit](#)

Questions

→ Edit

- 1 Identify the topic of this Pack. Tell what the topic is.
- 2 Choose two resources in this Pack that you think can help you understand different sides of this topic. Write the titles of the

Save

Save and Preview your Activity. Save As New Activity to easily duplicate the Activity you have just created.

Preview

View what the student would see using Student Preview.

Assign or Schedule

Assign your finished Pack
to a Class immediately or
Schedule for a later date.

Activities: Review Student Progress

The screenshot shows the 'Activities' page for user Hannah. The left sidebar contains navigation links: Notifications, Activities (selected), Classes, Schedule, and Account Settings. The main content area has tabs for 'Learning Strategies' and 'Question Sets'. Below these are filters for 'All Classes' and 'All Activity Statuses', and a checkbox for 'Show only ready to review'. Three activity cards are displayed, each for 'Hot Springs'. Each card shows a progress bar, a 'Review Progress' button, and a 'DUE' date. A blue arrow points to the 'Review Progress' button on the third card.

Activity Pack	Questions	Due Date	Days Left	Student Progress
Activity Pack - OPEN	1	28 Aug 2019	0	2
Activity Pack - OPEN	3	30 Aug 2019	0	2
Activity Pack - OPEN	3	23 Aug 2019	0	1

Activities Dashboard

Access all your drafted, scheduled and open Activities from the Activities Page.

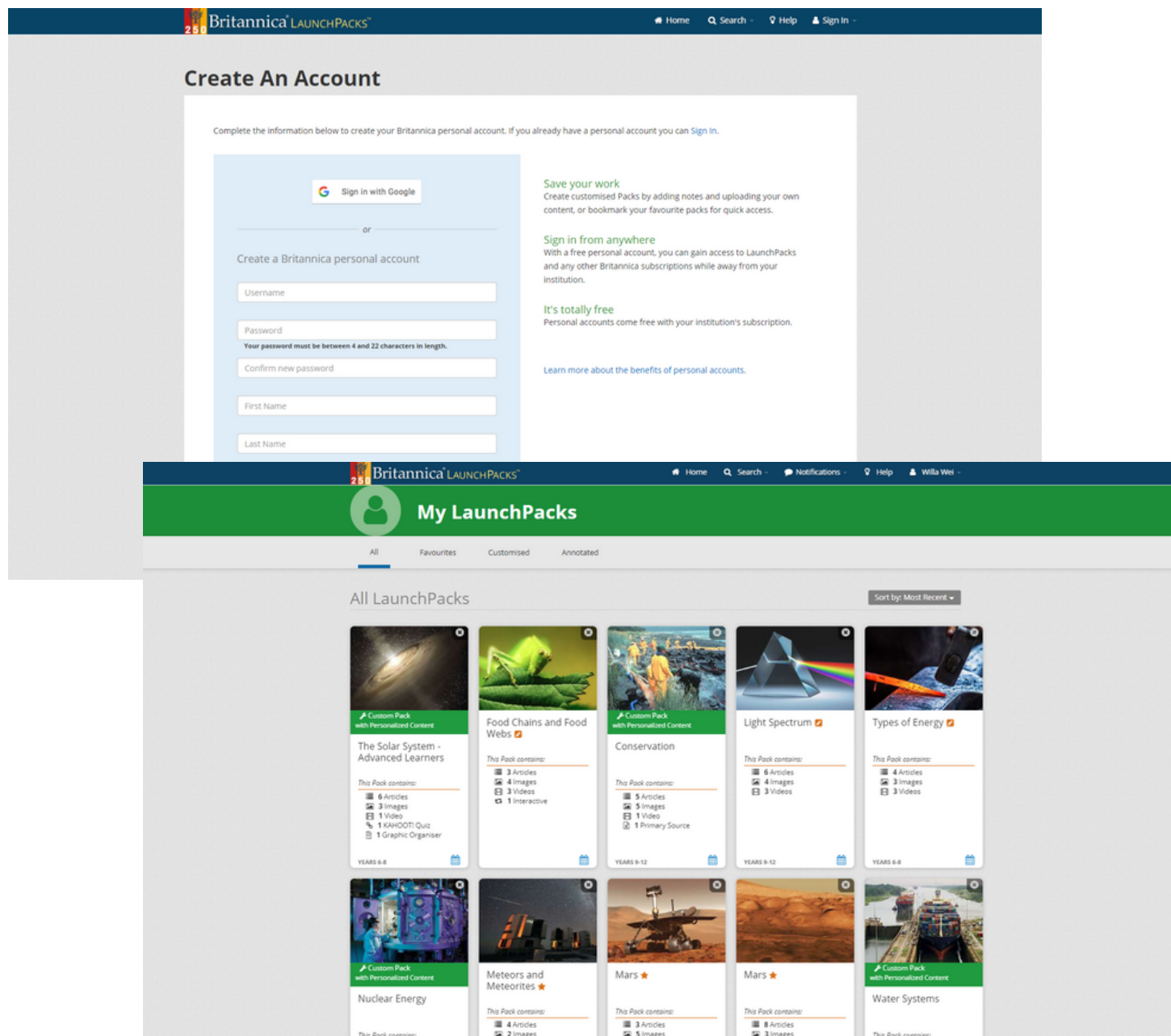
Progress Bar

The Progress Bar on an Open Activity Pack shows a real-time summary of class completion progress.

Review Responses

Click Review Progress to monitor student responses by student or by question.

My LaunchPacks



Create your Account

Create a My LaunchPacks Account using Britannica credentials. You can also Sign In with your Google account.

My LaunchPacks

Inside My LaunchPacks you can view, edit and schedule all your Favourite, Customised and Annotated Packs.

Access

Access My LaunchPacks anytime from your Account drop-down menu.

English as a Second Language

Dictionary

Double-click any word within an article or primary source to see a Quick-Click dictionary definition.

Adjustable Reading Levels

Articles have up to 3 different reading levels. Individuals can read within their comfort zone by selecting the level most suited to them.

Read Aloud

Click the play icon to listen to an audio version of an article.

The screenshot displays the Britannica LaunchPacks interface. At the top, the header includes the Britannica logo, 'LAUNCHPACKS™', and navigation links: Home, Search, Notifications, Help, and a user profile 'Willa Student 2 Wei'. Below the header, a 'Back to The Solar System Pack' link is visible. The main content area is divided into two sections: English and Chinese. The English section shows the article 'Sun' with a table of contents (Introduction, etc.) and a paragraph starting with 'Although the Sun is a rather ordinary star, it is very important to the inhabitants of Earth.' The Chinese section shows the article '太陽' (Sun) with a table of contents (介紹, etc.) and a paragraph starting with '雖然太陽是一個相當普通的恆星，它是地球上的居民非常重要的。' Both sections include a 'Reading Level' indicator with three levels (1, 2, 3) and a 'Page Tools' panel with icons for zooming, printing, and other functions. A large image of the Sun is also visible in the Chinese section.

Support for all English Abilities.

Britannica LaunchPacks has a range of inbuilt tools to support students learning English as a second language.

Content Translator

Translate an entire article into over 100 languages. Click the globe icon in Page Tools.

Notes

[illegible]

Access ID _____

Passcode _____

Username _____

Password _____



To learn more, contact us:

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