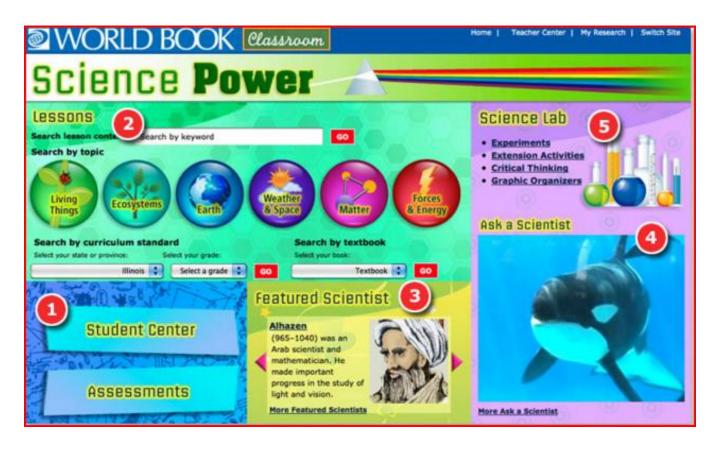
Science Power Workshop

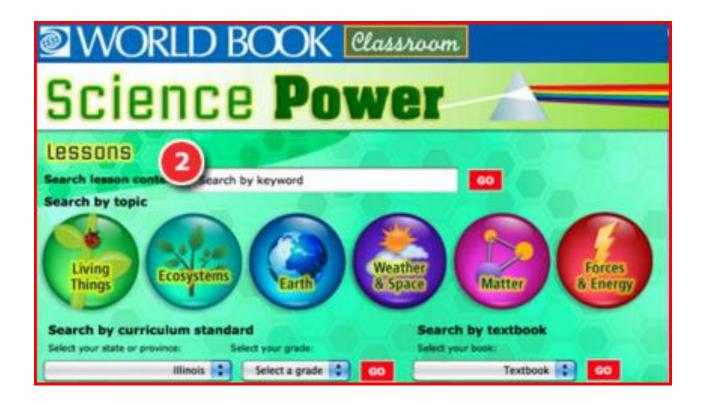
by Kam Purewal

kpurewal@vsb.bc.ca

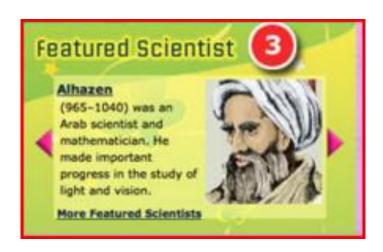


What is Science Power?

- •Units include: Living Things, Ecosystems, Earth, Weather & Space, Matter, and Forces & Energy
- •Each unit's lessons are grouped further into sub-units for easy navigation
- •Each lesson contains custom-created animations, photographs, illustrations, graphic organizers and videos for a multimedia-rich learning experience



More Science Power Features



3. Featured scientist-brief info of a famous scientist





4. Ask a Scientist-video showing a scientist answering various questions on each topic

5. Lessons also include an **Experiment**, **Extension Activity**, and **Critical Thinking** questions to complement and extend the learning of the text

How to Log In

Go to Webcat

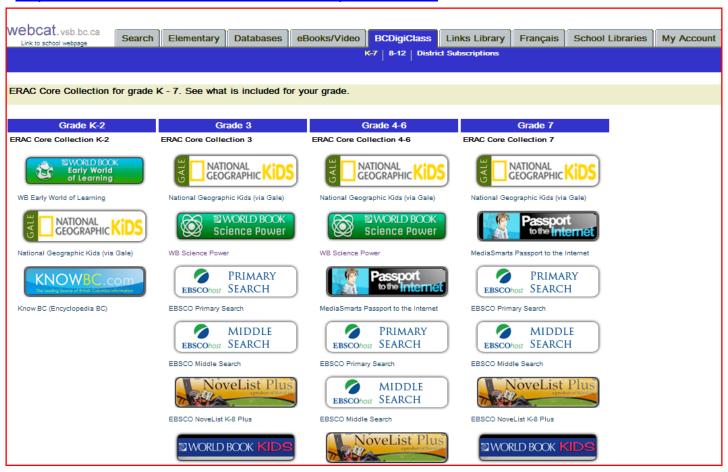
http://webcat.vsb.bc.ca/ipac20/ipac.jsp?profile=he

click on **BCDigiClass**

click on **Science Power**

http://www.worldbookonline.com/sciencepower/home

Username: Password:

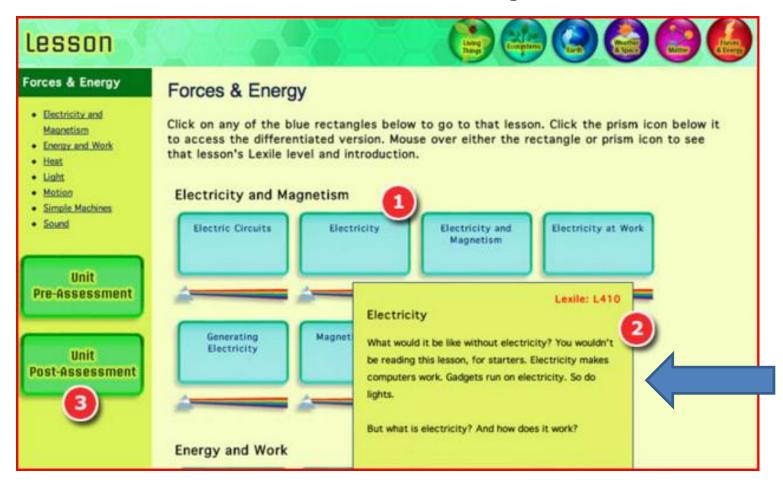


New Curriculum Connection

- https://curriculum.gov.bc.ca/rethinking-curriculum
- 'British Columbia's curriculum is being redesigned to respond to this demanding, fast-paced, technology-rich world our students are entering.'
- 'Personalized learning is at the heart of the new curriculum. We all know how passionate kids can get about something that interests them. We can capture the energy and focus from those passions and connect them to classroom learning.'
- 'hands-on experience in collaboration, critical thinking and communications – skills they'll need to succeed in college, university, and the workforce.'

<u>Differentiated Content For All</u> <u>Learners</u>

- There is a differentiated version for each lesson.
- Based on The Lexile Framework for Reading[®].



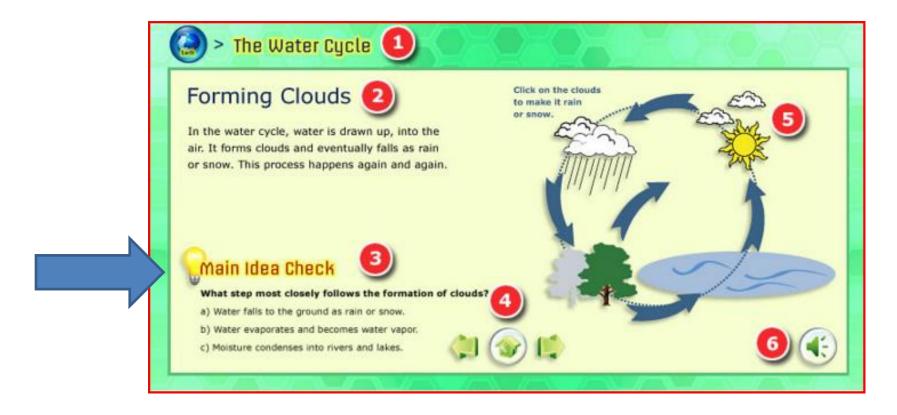
<u>Podcast</u>



 Every lesson and its differentiated version includes a downloadable podcast of the lesson text, read aloud by trained voice actors. Podcasts are in MP3 format

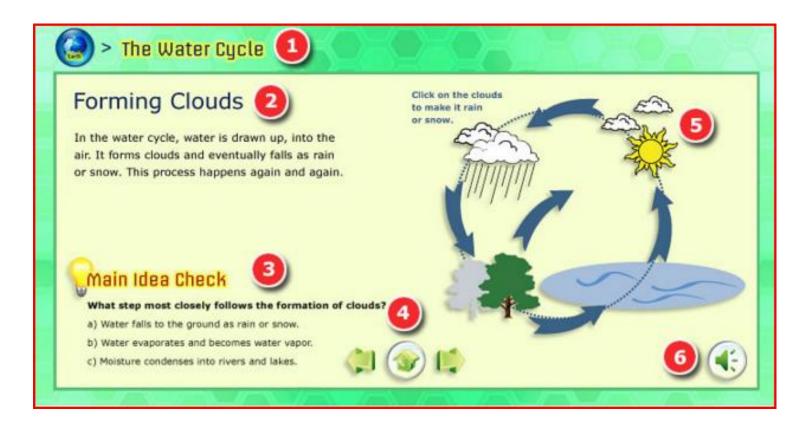
Main Idea Checks

- Quick comprehension reinforcement.
- Click an answer to see the correct response.



Read Aloud

 Read the lesson text—or have it read aloud. Every lesson offers a trained voice actor's reading of the lesson text so students hear the correct pronunciations of new science vocabulary and become more engaged in the reading of the text.



Using Technology with Science Power

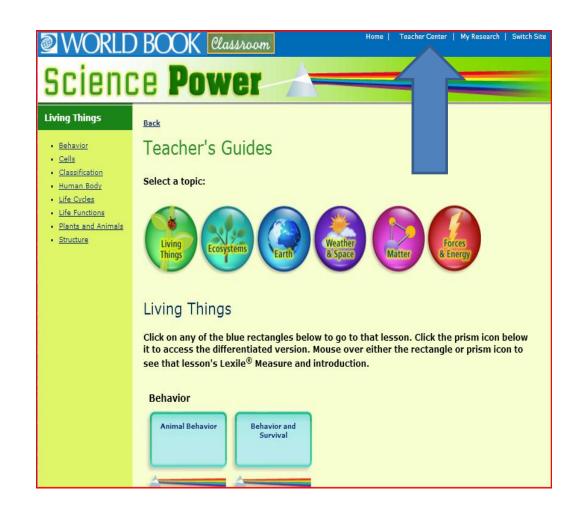
- All components of Science Power can be accessed using a desktop computer or laptop
- <u>BUT</u>, some components of Science Power DO NOT work <u>without</u> Adobe Flash Plug-In on ipads and ipad mini's or some other devices.

Science Power: Will It Work On My Device?

YES, Access On	NO Access On	NO Access On
Ipads, And Other Devices	Ipad2, <u>Ipad</u> Air	Ipad Mini
Create Student Account Create Teacher Account Experiments Extension activities Critical Thinking Graphic Organizers Featured Scientist Assessments- unit Pre and Post-assessments, Lesson Review, Vocabulary quiz, and Interactive quiz Explore more Download lesson as mp3 Teacher Centre-Manage Classes, Edit student profiles, assign or print lesson reviews and assessments	Ask a scientist Lessons-vocabulary, introduction, lesson content, and summary Vocabulary Quiz, Interactive Quiz,	Ask a Scientist, Lesson- vocabulary, introduction, lesson content, and summary Teacher Centre- Manage Classes and Edit student profiles, Assign or Print Lesson Reviews and Assessments, Vocabulary Quiz, Interactive Quiz,

What's The Low Tech Option?

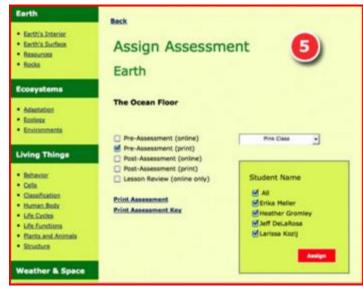
- Click on Teacher
 Center
- Click on any lesson and save or print the teacher's guide
- vocabulary,
- lessons,
- unit assessments,
- graphic organizers,
- hands-on experiments,
- extension activities



What's The High Tech Option?

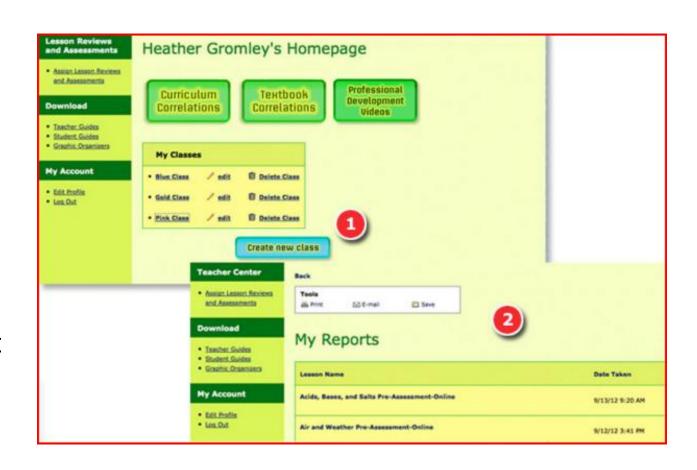
- Create a Teacher Center
 Account- assign lesson
 reviews and assessments,
 create/manage/edit classes,
 track student progress.
- Access all features of Science Power
- Have students create a
 Student Account to access
 their assigned assessments,
 lesson reviews and view
 their scores.





Create a **Teacher Center Account**

- Create and manage classes
- add students
- Change student passwords
- Track student progress



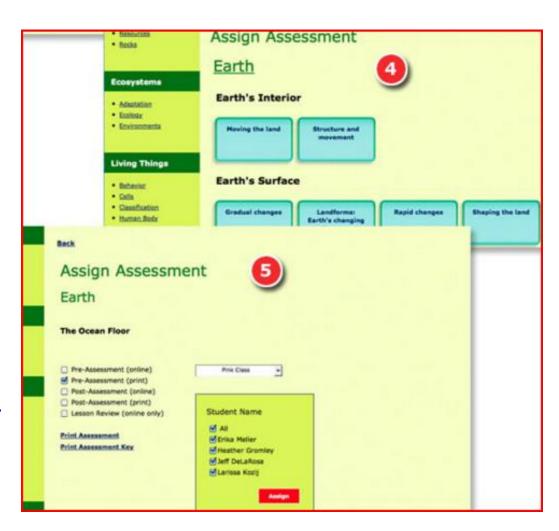
Teacher Center Video Tutorial

http://www.worldbookonline.com/training/html/webinars_sciencepower_tc.htm

Teacher Center con't

assign lesson reviews and assessments

Teacher Center Video Tutorial http://www.worldbookonline.com/training/html/webinarsss s ciencepower tc.htm



Student Center

Student Account

allows students to:

- access their assessments
- -lesson reviews
- -view their scores



Student Center Video Tutorial

http://www.worldbookonline.com/training/html/webinars_sciencepower_sc.htm

Science Power Tutorials

- **Science Power Video Tutorial** (10min.) overview of all its features and content. http://www.worldbookonline.com/training/html/webinars_sciencepower.htm
- Teacher Center Video Tuturial (14min) explains how to create an account, set-up and manage classes, assign and track assessments, and more.
 http://www.worldbookonline.com/training/science_power/html/sp_10.html
- **Student Center Video Tutorial** (5min.) explains how to create an account, access study guides, assignments, view scores and much more.
 - http://www.worldbookonline.com/training/science_power/html/sp_11b.html
- Lesson Home Page explains how to access all components of the lesson.
 http://www.worldbookonline.com/training/science_power/html/sp_3.html