**WORLD BOOK CLASSROOM: SCIENCE POWER**

**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
* Lessons also include an **Experiment**, **Extension Activity**, and **Critical Thinking** questions to complement and extend the learning of the text, and a **Podcast** that can be downloaded to preview or review the content
* **Featured scientist**-brief info of famous scientist, **Ask a Scientist**-video showing a scientist answering various questions on each topic
* Create **Student** and **Teacher Accounts** to manage and track progress online

**How do I Log on:**

* 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** 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.’

**Differentiated Content For All Learners**

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.

**Main Idea Checks** appear on every screen of the lesson for quick comprehension reinforcement. Click an answer to see the correct response.

There is a differentiated version for each lesson. These versions are generally written two grade levels below the on-level version. The readability score is based on **The Lexile Framework for Reading**®.

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**.

**Using Technology with Science Power**

All components of Science Power can be accessed using a desktop computer or laptop. **BUT**, some components of Science Power **DO NOT** work without **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** **Ipads, And Other Devices** | **NO Access On** **Ipad2, Ipad Air** | **NO Access On****Ipad Mini** |
| Create Student AccountCreate Teacher AccountExperimentsExtension activitiesCritical ThinkingGraphic OrganizersFeatured Scientist**Assessments**- unit Pre and Post-assessments, Lesson Review, Vocabulary quiz, and Interactive quizExplore moreDownload 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?**

* Use Science Power as a **teacher’s guide** - save or print vocabulary, lessons, unit assessments, graphic organizers, hands-on experiments, and 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.

**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>