

## What's for Homework?

Here is an annotated list of different activities and assignments that students can do independently to reinforce the concepts they learn in science. These activities use a number of different learning modalities and are available in different levels of difficulty and sophistication.

### Textbook and Electronic Textbook Activities:

- Notes—copy down a skeleton outline of textbook headings and read and take notes under the associated headings.
- Reading Help (right side of each online textbook page)
  - Have the textbook read to you orally by the computer in English or Spanish by clicking on “Guided Reading.”
  - Read and use the “Reading Strategy”
  - Read and take notes on the vocabulary or make flashcards by hand or online:  
<http://www.flashcardmachine.com/>
- E-activities red tab at the top of the online textbook:
  - View the visual concepts multimedia presentations
  - Complete an interactive concept map (web) to explore how concepts are related.
  - Complete a virtual investigation.
- Student Resources red tab at the top of the online textbook
  - Chapter Resources
    - Investigate the Scilinks activity
    - Vocabulary activity
    - Science puzzlers activity
  - Assessment Resources
    - Chapter review in English or Spanish
    - Standardized Test Preparation activity to help with CMT
  - Section Resources
    - Directed Reading A in English or Spanish (average difficulty)
    - Directed Reading B (easier)
    - Section Review
    - Vocabulary and Section Summary
    - Read through the Lab Resources section for experiment ideas
- **Resources on the Virtual Library** From the RLMS home page, go to the Links section and click on the Virtual Library link.
  - **Discover Education Player:** Online searchable educational video collection. In the Databases section in the center, click on Discovery Education Player.  
Password:ludlowe/Username: bulldogs

Do a keyword search for words found in the titles and subtitles of the textbook sections or for key concepts covered in class and peruse the videos.

- **Brainpop:** Online interactive learning activities. In the Databases section in the center, click on Brainpop. Password:ludlowe/Username: bulldogs. Check out the activities in the Energy, Matter and Chemistry, Motions, Forces, and Time, and Scientific Inquiry sections.
- **Enrichment Lecture Series:** On the virtual Library, look to the right to find the tab. Click on it to see a list of high-level lectures to extend your learning about science topics. This is a good choice for advanced students.
- **Grade 8 Science:** Click on this link to find a number of interactive resources related directly to the topics and concepts learned in science.