Interactive Material

1. <http://interactivesites.weebly.com/science.html>
* This website has hundreds of games and simulations for any science topic
* we could use netbooks with these in class (have students play games & give them a worksheet to fill out)
* we could put the links to these games on your website, so that students can try it out at home
* For the Ecology unit in grade 9 science

<http://interactivesites.weebly.com/food-chains.html>

* For learning cells in grade 10 science

<http://interactivesites.weebly.com/cells.html>

* In the video: <http://www.iknowthat.com/ScienceIllustrations/cell/science_desk.swf>
* For the Electricity unit in grade 9 science

<http://interactivesites.weebly.com/electricity-and-energy.html>

* To learn more about circuits:

http://www.knowitall.org/nasa/flash/electricity/circuits.swf

1. <http://www.explorelearning.com/>
* This website is for gizmos
* Each gizmo comes with a “Student Exploration Sheet”
* We can use this with net books in class and get the students to hand in the sheets at the end of class
* For grade 9 Electricity→ this gizmo allows students to build and explore circuits

<http://www.explorelearning.com/index.cfm?method=cResource.dspDetail&ResourceID=398>

1. <https://www.edmodo.com/home#/discover>
* Edmodo is like a virtual classroom, where teachers can set up polls, assignments, quizzes and start discussions. They can track all student activity, give students badges, etc.
* it also links teachers to activities and games that they can share with students
1. <https://phet.colorado.edu/en/simulations/category/new>
* This website has hundreds for stimulations for any topic or subject
* We can put this on your website or use netbooks with it
* For static electricity

<https://phet.colorado.edu/en/simulation/balloons>

1. http://mw.concord.org/modeler/index.html
* Mostly higher level science games, but you can also find games for grade 9 & 10 Science
* For static electricity (grade 9 science)

<http://mw.concord.org/modeler/showcase/simulation.html?s=http://mw2.concord.org/public/student/game/electrostatic_maze5.html>

1. <http://users.hal-pc.org/~clement/science.htm>
* contains many interactive simulations and games
1. <http://www.vroc.ca/vroc/en/>
* Virtual Research On Call
* Has many educational videos
* Teachers can book a videoconference with experts, so students can ask any questions and interact with them } We could use netbooks for this
1. We can embed videos onto your website

Example for showing the static electricity involved in lightening : <https://www.youtube.com/watch?v=XVp7Mh9BS8Q>

Example for showing different types of chemical bonds:

<https://www.youtube.com/watch?v=KjoQHqgzda8>