

WebITs



- 83 objects
- Grades 7 to 12

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makes you think

Ease student understanding of various complex topics through TVOntario's dynamic WebITs (Web-based Interactive Tutorials). These unique learning objects, developed in consultation with professional educators, advance student skills in challenging areas of high-school science and mathematics.

TVOntario's WebITs are small chunks of instructional content that use a variety of media (e.g., text, models, animation, stills) to illustrate a single concept. These resources appeal to multiple learning styles and can support learning in varied environments.

TVOntario's collection includes *Photosynthesis*, which allows students to experiment online with various factors in order to achieve a healthy, productive plant. These interactive exercises deepen the learning experience: the student can view the learning object (e.g., a short animation) and can then manipulate the variables online in an experiment to observe cause and effect. Other WebITs enable students and teachers to work through a list of experiments ranging from predicting the outcome of genetic crosses and calculating mortgage interest, to designing a budget suitable for a family or an individual.

These flexible learning objects can be used as a stand-alone resource or as a supplement to existing content.

NOTE: Users will require Macromedia Flash Player 6 or higher to access the learning objects. For MAC users, we recommend the use of Netscape or Safari.