

ESPC 2006 - Saguenay (Québec)



Darren Rodenhizer, Oliver Hatheway

Converting a Homemade Cathode Ray Tube into a Laser

Division: Internationale

Catégorie: Intermédiaire

Région: South Shore

Ville: New Germany, NS, Bridgewater, NS

École:

Sommaire: The first purpose of our project is to build a cathode ray tube out of common materials. The hypothesis is that if the proper materials are assembled in a precise manner, and proper conditions can be created, then a homemade cathode ray tube can be converted into a laser. The products can then be manufactured and made commercially available to schools for teaching atomic theory.

Prix	Valeur
Bourse d'études de l'Université Western Ontario	1 000,00 \$
Médaille de bronze - Bourse de début d'études de 1 000 \$	
Commanditaire: Université Western Ontario	
Médaille de bronze - Sciences physiques et des mathématiques Intermédiaire	300,00 \$
Commanditaire: Encana Corporation	
Total	1 300,00 \$