



Introduction:

Bad News: Your school site has been chosen as the future training centre for the Canadian Out-World Wanderers (C.O.W.W.). Your school will be converted into a Futuristic Astronaut Resource Mall (F.A.R.M.). All offices, classroom, library and gymnasium will be re-tooled by late fall of next year. Due to construction delays, it is anticipated that your staff and students will be housed at the local college for 6 months.

Good News: Your school has been granted significant funds to rebuild your school on a site close by. The director of the school board would like to create a 'model' school that can be highlighted at the Excellence In Education International Oratory (E.I.E.I.O.), being held in this region late next year. This 'move' to a new site, with grant funding of \$100,000,000 is the ideal opportunity to fast-track your future school!

Task: Each division in your elementary school: primary (grades 1-3), junior (grades 4-6) and intermediate (grades 7-8)) will have an opportunity to provide input regarding the design of its own 'pod' that will be housed within the new building. The input required by the architects and Administrative Council is focused on the design and layout of the classrooms within each 'pod'.

Each division within the school, is made up of a team of creative designers:

Architect:	Will ensure that the structure is stable and doable. Will have expertise in the use of a wide range of design materials to create an environment that is both interesting and durable.
Teacher:	This technologically literate team member hopes to design a technologically up-to-date pod with adaptable spaces and rich resources for learning.
Student:	Wants to design an area that engages the senses and makes the classroom a rich resource that allows for a wide variety of learning activities.
Parent:	Brings the collective wisdom of the community to the group. This designer wants to ensure that the community will benefit from a practical design.
Administrator from the school board:	Will ensure that the building is suitable to the ages of the children for the division. Maintains that the rooms will be built to accommodate appropriate class sizes.

Each division team must reach consensus on the layout of rooms within its pod. In addition to specific classrooms, funds will allow for the construction of common areas (E.g, liturgical space; natural environments; science labs...), and related resources for both the interior and exterior of the school building. Although you've been encouraged to be creative, classrooms within each pod must be built to identical specifications.

Process:

1. Use the Task Tips Guide to decide on the roles that each person will play (architect, student, teacher, parent, administrator) in the completion of this task.
2. Decide on the size and shape of your future classroom(s).
3. Decide on flooring materials, ceiling design and wall customization.
4. Select and layout technology for each classroom (AV, computers...).
5. Design student and teacher work areas (desks, tables...). For a rich extension activity, your teacher may decide to have you consider the Extreme Makeover: Classroom Edition Rich Performance Task.
6. Once you've reached consensus on your designs, Use poster paper supplied by your teacher, to draw a scale map of your pod proposal. Be sure to include a legend, and label the rooms and resources within your pod.

Be prepared to present your design to the class, while highlighting the most unique aspects of the classroom you've designed.

Things to think about:

1. What do you propose to name your school? What makes this name appropriate?
2. Will your school have a school motto or school mascot or coat of arms?
3. How does the design and layout of your school respect the natural environment?
4. Is your school designed to meet the needs of all members of the community (the very young; people with special needs; those with limited money...)?
5. Is your school to be used 'after hours' in any way(s)?
6. How will your school accommodate cultural diversity in your community?

Extension Assignments:

- * Use Google Maps to locate a suitable area in your community to build the school.
- * Use Grid paper to draw detailed scale maps of your school. Be sure to include interior spaces (classrooms, halls, offices, restrooms...) and exterior spaces (play areas, parking facilities, trees and gardens...)
- * Dream. Design. Communicate. SketchUp is a simple but powerful tool for quickly and easily creating, viewing, and modifying 3D ideas. <http://sketchup.google.com/>
- * Create advertising to promote your school and your ideas. Depending on the tools you have available, brochures or video promotions can be developed.
- * Share your plans by producing a PowerPoint presentation, Website or Corel Presentations summary of your plans.

Resources:

Student page - http://www.ldcsb.on.ca/schools/cfe/RPT/RPT_Future_School/student.html

Parent page http://www.ldcsb.on.ca/schools/cfe/RPT/RPT_Future_School/parent.html