

Art and Architecture

Objective:

- Learning to draw to scale, understanding the usage of symbols, and importance of gathering and recording accurate information.

Teacher Materials:

- Floor plan samples (use library resources and/or local Chamber of Commerce). Interior and exterior school photographs are also helpful.

Classroom Materials Needed:

- Laurentien® coloured pencils, paint and markers, graph paper, rulers, circle templates, roll paper, scissors, tape and glue.

Curriculum:

- Art and Architecture — Discussion of floor plans and their importance in architecture and in our daily lives (fire exits, help new students find class, etc.).

What to Do:

Explain to the class that they are designing a school floor plan. This floor plan would allow someone to find their way around the school quickly and easily.

Students should study a variety of floor plans and learn to understand how a blueprint or drawing relates to a three-dimensional structure.

They should also understand the usage of symbols and legends within a floor plan.

Activity:

Divide the class into teams and assign each team a wing or area of the school. Each team should then walk around their assigned area and record the number of classrooms, bathrooms, water fountains, etc. At this time, they should also create a rough sketch of the area to use as a reference when creating the actual floor plan.

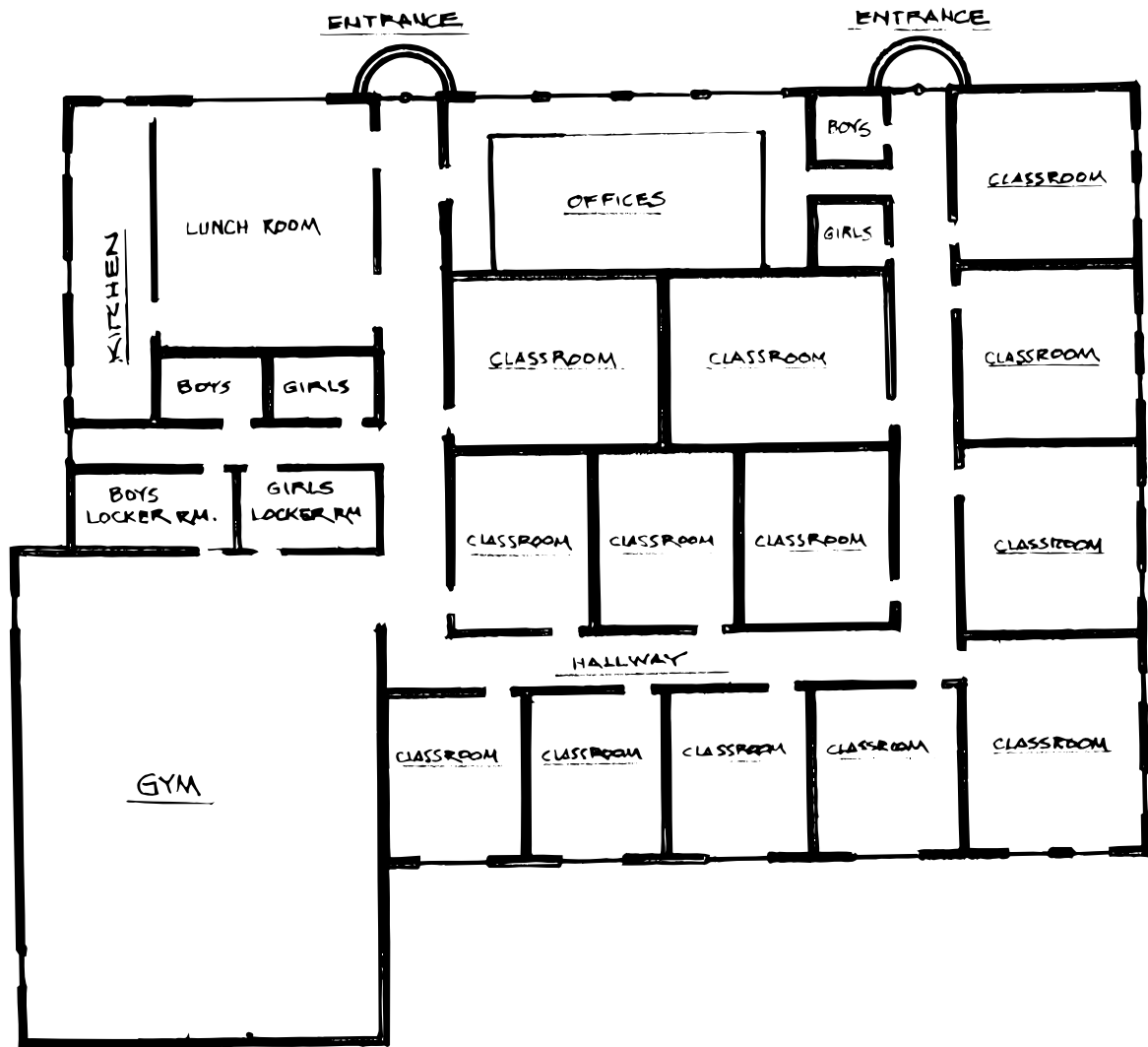
Students are now ready to create their floor plans using Laurentien® coloured pencils and markers. Use colour in the floor plans and legends to differentiate classrooms by grade level of subject matter.

When each team has completed their floor plan, join them all together onto roll paper. You now have a colourful floor plan of your entire school!

A sample illustration is provided on the next page. You may choose to use it with your class.

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Grades 7-8
Floor Plan



MY SCHOOL