

# Minnesota Technology Challenge 2009-2010

## Advanced Architectural Division

### **Problem: Pre-school**

Your school district's enrollment has been increasing and your city is looking to build a new preschool. They want to build a preschool large enough to accommodate 80 children per session (am and pm). In your design, please take into account the ages of the children and modify your design to accommodate their needs. Do not neglect the safety of the children. Your design should provide adequate safety measures tailored to the needs of small children.

### **Specification:**

Your design must include:

1. A main entrance and office area
2. Classrooms designed for preschool children
3. A gym area
4. An outdoor playground
5. Adequate storage space
6. Bathrooms for both children and teachers
7. Parking should be large enough and easy to maneuver. There should be enough space for teachers and parents, and also an area for picking up and dropping off children.