

# How It Feels To Be A Structure

## Application of Architectural Concepts

"Let's look around this classroom and see if we can find any of these structural shapes. You will have to use your X-ray vision to see through the walls and ceiling!

"Look at the door. It would have something like posts at the sides and a lintel over the top. What about the window? Yes, that would be similar.

Inside the walls of the room there is probably a series of posts (strips of wood called studs) about two feet apart, that go from the floor to the ceiling.

"Across the ceiling there may be beams, but this is a pretty wide room, and it may have some trusses in the ceiling.

"Try to imagine what structures may be in the walls and ceilings all around the school. There may be a big truss that is visible in the gym or cafeteria.

"When you go home tonight, look around your house to see what structural forms you have there. Tell your family what you have been doing and have them help you.

"You should be able to find most all of the structural forms, although it would be unusual to find a dome! They are usually on towers, churches or sports arenas.

"Write some notes, or better yet, make some sketches and compare them at school tomorrow."

