

two point perspective

What is wrong with how high school teaches perspective?

The vanishing points are too close together.

So...it always looks odd.

angle of object
is 45 degrees
related to both picture
plane and line of sight.

The closest two vanishing point can be is twice the distance to the "picture plane."
More likely, the points are going to be much further apart.

Turning object by 15 degrees
increases distance considerably.
Vanishing points are now
square root of three and
square root of 3/4 times
distance to picture plane.

