Classroom Vectors

Identify the coordinate system that has been placed in your classroom. As a class, decide what directions you are going to designate as "Class N", "Class E", "Class S" and "Class W".
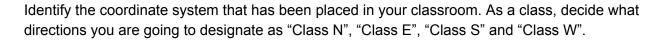
Make a rough sketch of the positions of the following classroom objects: Both doors, the good clock, the mural, both sinks, the projector and the fire alarm.

As a class, determine the coordinates of each of the objects from above. Record the data below.

Assuming the area is clear of all desks, quantitatively describe how you can get from directly object A to object B for each of the following pairs:

Object A	Object B	Description
Main Door	Mural	
Projector	Fire Alarm	
Teacher's Desk Sink	Back Door	
Back Sink	Good Clock	

Briefly explain your method of representing the motion.

Describe a different method that could be used to represent the same motion.