

Engineering Challenge

Task: You are an engineer in San Francisco. You have been asked to **design a new business center that includes several different types of buildings** for the downtown area. Work in pairs to draw the ideal business center that will survive an earthquake. Use the data you have collected from this unit to decide how to design a safe business center and to write an explanation for the people of San Francisco.

	Approaches	Meets	Exceeds
Drawing on graph chart paper			
Number of Buildings			
Widths and Heights of Buildings Included			
Written Explanation: 3-5 sentences			
Describe what causes earthquakes			
Explain why San Francisco has earthquakes			
Explain why the building design will be safe			