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DATE _____

Student Investigation

Catalog No. 34W1124

Quake Estate (board game)

INTRODUCTION

Quake Estate is a game of real environmental problems and decisions. You will play the part of a geologist, investor, and land developer. The game board is a simplified version of an area located at a major plate boundary in California. This area has many hazards. These hazards include earthquakes, landslides, fires, and floods. Geologists, land developers and residents have many problems because of these hazards. The object of the game is to acquire the most money and property. Understanding geologic hazards and their effects on land development and use will help you win the game.

OBJECTIVES

After you have completed this activity, you should be able to:

1. Identify the geologic hazards in an earthquake-prone area.
2. Identify the probable effects of these hazards on the land and development in the area.
3. State measures that can be employed to minimize the effect of these hazards.