

Pictou County Forest School - Grade 11 Post-Visit Lesson Plan
Geography 11 - Patterns of Development

Activity: World Settlement Project

Specific Curriculum Outcomes:

Patterns of Development (compulsory module)

- 3.1 demonstrate and analyze linkages between a regions natural geology and its resource base
- 3.3 explain the impact of resource development on settlement patterns at both local and national scales
- 3.4 model issues pertaining to resource assessment
- 3.6 analyze the interdependent and evolving nature of the Canadian economy.

Regional Development (optional module)

- 4.1 use Heartland and Hinterland as a framework for regional development
- 4.2 analyze regional disparity
- 4.3 explain locational factors in economic development

Rural-Urban Land Use (optional module)

- 5.1 demonstrate an understanding of the criteria used to classify settlements
- 5.3 analyze land use within towns or cities
- 5.4 demonstrate an understanding of the organization of the rural landscapes
- 5.5 identify and analyze land use change in the rural and urban areas (urban fringe)
- 5.6 analyze issues related to migration between rural and urban centres

Materials:

- topographical maps
- agriculture/soil maps
- historical maps of local towns
- Google maps/street view

Intro/Activation:

Have students use Google maps to survey several famous world cities. Key students into the differences in the way the cities are organized based on historical eras as well as land use. For example, the centre or core of most medieval cities are windy and circular in design, where the newer sections on the periphery are often set in modern grid patterns. Why is this? Contrast this to Toronto, which is set in a grid pattern north of Lake Ontario. Why is this?

Activity:

Students are to choose one North American city and one city from abroad. Have students compare and contrast the design of their chosen cities based on a set of criteria. For example:

- Date of establishment
- Natural features (e.g., mountains, lakes, wetlands, rivers)
- Layout of streets (grid vs. circular)
- Land use: commercial, industrial, residential
- Personal opinion: which city would you like to live in!? Why?