

Activity Title:

2i – Managing urban sprawl - 'intensification' of urban settlements

(Part of this activity was adapted from one developed by Cubitt, Irvine and Dow, *Top Tools for Social Science Teachers, 2000*)

Learning outcome(s):

- Explore 'intensification' as a means of accommodating more people in existing and new urban settlements.
- Explore intensification as a way to manage urban sprawl
- Investigate the SmartGrowth response to future growth.

Key words:

Urban sprawl; urban settlement; patterns; intensification; smart spaces

Materials:

- PowerPoint slides: SmartGrowth response to urban change
- Future 'intensification' information sheet: Land and housing
- Something to write with

Approximate time required:

Activities are broken into 20 minute segments. Each numbered activity below takes approximately 20 minutes. The total activity will take approximately 40 minutes.

Suggested prior learning:

2f Urban change and design – accommodating growing housing demand

1a Western Bay of Plenty sub-region – population change over time

2e Urban pattern – factors affecting where the new people live

Possible learning activities:

NOTE: Review the PowerPoint slides before showing them to students.

Information sheet (introductory)

1. Print out enough copies of the diagram on page two of the information sheet for one per small group. Discuss the different housing options:
 - From the perspective of managing urban sprawl – what are the pros and cons of each housing type?
 - How would you feel living in each of these types of housing?

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Managing urban sprawl - 'intensification' of urban settlements.

Curriculum Level:

Level 7 / 8

Curriculum Links:

Social Science

Achievement objective

7.1 Understand how the processes that shape natural and cultural environments change over time, vary in scale and from place to place, and create spatial patterns.

Curriculum:

Key competencies:

Thinking

Principles:

Community engagement

Values:

Innovation, inquiry and curiosity

Geographic Key

Concepts:

Change; Patterns; Interaction; Perspectives

Geographic skills:

Communication skills

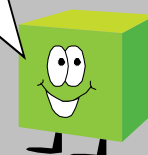
Assessment

opportunities:

Geography Achievement Standards: 1.2, 2.2, 3.3, 2.6, 3.6

Sustainability tip!

Double side your copying and laminate info sheets for future use



- Discuss the following real life dilemma (as currently experienced by western Bay of Plenty authorities): people don't like the idea of urban sprawl but many people want a house on a good sized section. Not many people want to live in apartments! How could decision makers deal with this dilemma?

Information sheet (more advanced)

2. The objective of the exercise is to explore the SmartGrowth response to future population growth. Photocopy enough of the information sheets for at least one per group. Break into groups of three or four, or work independently. Hand out the information sheets. Spend time reading the information sheets. Answer the questions at the end of each sheet.
3. Share answers as a class and discuss.

PowerPoint slides

4. View the PowerPoint slides which include maps of the SmartGrowth response to population growth.

Twenty questions activity

5. (*This activity was adapted from one developed by Cubitt, Irvine and Dow, Top Tools for Social Science Teachers, 2000*). This activity helps students develop their own questioning skills and will allow for detailed analysis of the visual information on the PowerPoint slides. Copy the four maps from the PowerPoint onto A4 or A3 paper (a PDF file of each map is included in the folder of PDF files). Divide class into eight groups – allocate each group one of the four maps from the accompanying PowerPoint (SmartGrowth response to urban change). As a group students create 20 questions based on their map. They must also record the answers to their questions.
6. Groups then pass their map and questions to another group for them to answer. To create urgency have prizes for fastest/most correct, etc. Each question could be worth one point. See which group has the most points after completing the other three groups questions.
7. Class summary discussion on what they have learnt about how SmartGrowth is responding to the urban changes taking place?

Additional resources / activities:

- SmartGrowth Strategy and Implementation Plan May 2007 (see PDF files)
- SmartGrowth Maps (see PDF files)

Follow-on activities (found elsewhere in this resource):

- 3a Aerial photo identification game
- 4a How natural and cultural geography inform our planning for growth
- 6e The SmartGrowth bus trip