

**Activity Title:**

# 3f - Spatially compare local retail development areas

**Learning outcome(s):**

- Use Google Earth and/or Google Map to locate functions and services at local retail development areas.
- Become familiar with the layout of retail development areas prior to field visit (Activity 6b).

**Key words:**

Human geography; spatial analysis; Google maps

**Materials:**

- Computers with internet, Google Earth and Google map access
- Paper
- Coloured pens and pencils

**Approximate time required:**

Activities are broken into 20 minute segments. Each numbered activity below takes approximately 20 minutes. The total activity will take approximately 40-60 minutes.

**Suggested prior learning:**

3c Précis map

2f Urban change and design – accommodating growing housing demand

**Possible learning activities:**

1. Identify two urban areas that have retail development areas with different features and different demographics (examples from the western Bay sub-region include: Cherrywood and Bethlehem town centre). (You may wish to use the same retail development areas as you used or plan to use for activity 6b). Use Google Earth and/or Google Maps to locate key retail related services. Using the usual map rules (title, orientation, key, labels...) create a simple précis map illustrating the layout of each retail development area and the location of the services listed below:
  - Supermarkets
  - Dairies
  - Banks
  - Chemists
  - Other major retail outlets
  - Clothing stores
  - Fast food outlets

**Activity #:**

# 3f

**Activity Title:**

Spatially compare local retail development area.

**Curriculum Level:**

Level 6 / 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:*

*Relating to others*

*Principles:*

*Community engagement*

*Values:*

*Innovation, inquiry and curiosity*

**Geographic Key**

**Concepts:**

Environments

**Geographic skills:**

Map interpretation, Photo interpretation

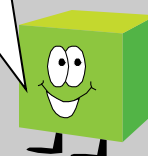
**Assessment**

**opportunities:**

Geography Achievement Standards: 1.8, 2.2, 2.8, 1.5, 2.5, 3.5

**Sustainability tip!**

Consider sustainability factors related to the layout of each shopping area.



- Restaurants
  - Cafés
  - Other
2. Peer review each other's maps and discuss as a class.
- How were the results for the two retail development areas different?
  - What do the findings tell you about these urban settlements?
  - What might the findings indicate about the demographic of the area?
  - How easy / hard was it to locate these services using Google Earth and/or Google Maps?

**Additional resources / activities:**

- Compare with other features and patterns of these or other urban settlements
- Google Maps for Education 'provides resources to help teachers and students explore, create, and collaborate with mapping tools'  
<http://maps.google.com/help/maps/education/>

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

- 6b Survey and compare transportation to two local retail development areas
- 6e The SmartGrowth bus trip
- 4h Zoning
- 2d How retail development areas reflect surrounding places
- 2e Urban pattern – factors affecting where the new people live
- 2i Managing urban sprawl - 'intensification' of urban settlements