



KEEP NEW ZEALAND BEAUTIFUL
Educational Resource

Scavenger hunt teacher information

To complete this activity students can work in pairs or small groups and can complete all, or just a few of, the locations. Students will need to use their mapping skills to track the movement of a piece of litter before identifying the ocean current that would mobilise the litter item in the water. They will also need to determine which towns or cities that piece of litter could float past with the help of the current.

Students will need to consider direction: north, south, east, west, north-east, south-east etc. Some locations may not be directly 'north' or 'east', they might be in a 'northerly' or 'easterly' direction, meaning they are located somewhere roughly north or east, for example. These are acceptable answers and this should be explained to the students prior to commencing the task.

Students will need to interpret map scale to determine the distance from one point to another. They should consider rounding to the nearest 5km (e.g. 163km rounds to 165km, 171km rounds to 170km). Students are to use an online map viewer or a detailed New Zealand atlas to complete the activities. A hard copy atlas of New Zealand is recommended for measurements, whereas an online mapping site would be better suited for answering the more specific questions relating to items such as land features.

Note that this activity is designed to enhance the mapping and mathematics skills of your students. The scenarios are not definitive litter movement pathways, but have been designed for illustrative purposes only.



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Below are the solutions for the scavenger hunt activity. Please note that measurements are approximate only, and students may have slightly different answers. Answers within 10 - 20km of the 'answers' listed below are acceptable.

MANGAPAI TO RUAKAKA SURF BEACH - ANSWERS

- Approx. 20km / South East
- Wind, people, birds, storm water drain
- East Auckland Current
- Waipu, Langs Beach, Mangawhai

TEMUKA TO BELFAST - ANSWERS

- Approx. 150km / North East
- Waimakariri River
- Ashburton – approx. 60km, Rakaia – approx. 90km, Rolleston – approx. 120km, Lincoln – approx. 130km, Christchurch – approx. 150km

REEFTON TO GREYMOUTH - ANSWERS

- Approx. 75-80km / South West
- Ahaura River
- Grey River - Mawheranui
- It would be pulled into the Westland Current and flow north past Punakaiki, Charleston, Westport, Karamea, Anatori and Puponga.

TAUMARUNUI TO CLIVE - ANSWERS

- Approx. 260-270km / South East
- Tongariro National Park
- Ngaruroro River
- East Cape Current
- Waimarama, Kairakau, Blackhead, Porongahau, Herbertville



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FEILDING TO CLARKS BEACH - ANSWERS

- 485km / North
- Taihiki River
- Waiuku River
- West Auckland current
- Raglan

KAITAIA TO AHIPARA - ANSWERS

- 15km / South West
- Wind, people, birds, storm water drain
- Wairoa Stream
- West Auckland Current
- Opononi, Kaihu, Dargaville, Te Kopuru, Ruawai, Pouto, South Head, Muriwai, Piha, Port Waikato, Waikaretu, Te Akau.