

SANTA NEEDS A NAVIGATOR

Learning Objective:

Research to match capital cities and countries, mark places on a map, plan a route.

Intended Outcome:

Accurate placing of cities on a map, finding the best path to take.

Materials:

- Blank map of the world
The following sites include templates which you can print off for this game.
Free World Maps: <http://www.free-world-maps.com/printable-white-transparent-political-blank-world-map-c3>
Mac's Stuff: <http://macsstuff.net/photobov/blank-world-maps-with-countries>
- Atlas
- List of capital cities (included below)

Game Objective:

To work out the best path for Santa to take on Christmas Eve.

Instructions

1. Students use their blank map and mark to mark all of the capital cities that Santa has to visit (cities listed below).
2. They then work out the best path for Santa to take making sure he visits all of the cities.

Capital cities Santa needs to visit:

- Athens
- Beijing
- Canberra
- Dhaka
- Doha
- Dublin
- Harare
- Kigali
- Kingston
- Kuala Lumpur
- Lima

- Moscow
- **Nuku'alofa**
- Ottawa
- Port Moresby
- Quito
- Reykjavik
- Seoul
- Tripoli
- Wellington

Extension:

- Ensure Santa is at each of the cities during night time **so he doesn't get seen**. Where and at what time would he have to start his journey? Where and at what time would he finish his journey? Taking into consideration time differences.
- Work out the distance travelled.