Plan your dream holiday

Maths CBA1 – 2nd year – Due March 29, 2020

- How will you get there? (bus, train, plane – Use time tables)
- How long will it take you to get there? (distance, time, speed, time-zone)
- Where are you going to stay (Hotel, hostel, camping, apartments, room)
- How much will it cost you? (travel, visa, inoculation, accommodation, food & drinks)
- What is the local currency? What is the exchange rate?
- How much local currency are you going to bring and how much euro's will you have to pay for that? (currency and exchange rate)
- What do you want to bring? What kind of suitcase do you need? How heavy is your luggage? Is there an extra cost for your luggage?
- What is the expected temperature at your destination? Is it different from the Irish temperature?
- Will your mobile phone work at your holiday destination? Are there any extra costs?

Present your work

- Handwritten or typed (Microsoft Word or Powerpoint)
- Between 400 and 600 words
- Show all calculations, graphs, illustrations and images.

Success Criteria	
Defining the problem	Pose a question / problem statement.

	Break problem down into steps:
	    Transport, accommodation, time, distance, currency,
	    luggage, temperature, mobile phone

	Do I need to simplify the problem by making assumptions?
Finding a strategy	How will I solve this problem?

Use mathematics to solve the problem	Record observations / data
	  - Read and Copy timetable(s) you are using
	  - …

	Follow mathematical procedures
	  - Calculating distance, time, speed
	  - Time zones
	  - Cost, currency exchange
	  - Weight, Temperature
	  - …

	Use mathematical keywords
Interpreting and reporting	Does my answer make sense?
	Did I answer my question?
	Make a posters, report or presentation of the work you have done. Include all observations, data and calculations.
	What did I learn from doing this project?
	What would I do differently for my next project?