

Geography

## **Representing height on a map**

### **Downloadable Resource**

Mr D May

# Task 1 - Complete these activities

**A. What is the difference between the keywords relief and gradient?**

**B. Why is it important to represent height on a map?**

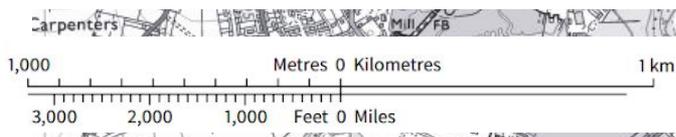
**C. What is a contour line?**  
*Hint: explain their shape and colour*

**D. What would the land be like if there were many contour lines and they were very close together?**



## Task 2 - complete the activities using the map extract on the following slide

1. What sort of environment would you be stood on if you were at 648867?
2. What is at grid reference 638862?
3. If you were walking from point 1 to the fort in 6286, would you be walking uphill or downhill?
4. What is the slope like in grid square 6385? *Bottom left grid.*  
Steep or gradual?
5. What is the land like at point 2?  
Hilly or flat?
6. How high is Bembridge Fort, 6285?
7. If you are walking from point 2 to point 4 in a straight line, are you walking uphill or downhill?
8. How far is it in a straight line on the ground from point 1 to point 2?
9. If you walked along the yellow and orange road from Point 3 to point 4, roughly how long is this walk?
10. Why do you think Bembridge Airport runway was built in that location?



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