

The Ice Man



Opening Questions

Please answer the *Opening Questions* found in your *Task Packet*. Be sure to answer all questions using complete sentences and restating the question within your answer.



Task 1: Body Found! – Police Report

Ötzi the Ice Man was found in the European Alps and the location is marked by a red place mark on the Google Map to the right. Your job is to build up a 'Police Incident Report' using the map and the additional article on our website (<http://anchorbaysocialstudies7.weebly.com>). Build your Police Incident Report on the Task 1 Handout.



Task 2: Discovering the Ice Man – Diary Extract

Use the Task 2 Hand-out to complete the Diary Extract. Use Google Translate to translate the conversation bubble. Your target should be approximately 300 words.

Task 3: Burr... its cold up here! - Calculating Temperature



First watch the YouTube video that is mention. Next solve the story problem mentioned using the formula to calculate the temperature. Solve the problem on the Task 3 Hand-out. Show your work and include the correct units.



Task 4: The Icy Grave Cartoon Strip

Using the Task 4 Hand-out to complete a three sequence cartoon strip with commentary that shows how Otzi was buried.



Task 5: Written Report - Investigators Sheet - Otzi Research Trust (ORT)

Use the photos, short videos, Google Maps and other descriptions to help you to answer the three key questions found on the Task 5 Hand-out.

Task 6- Written Report

You must now present your findings to the Otzi Research Trust. The Trust have commissioned you to find the answers to the following questions:

Question 1. We think that Otzi was buried underneath a mass of ice, but can you find any evidence that a glacier existed in the area?

What do glaciers leave behind them? Can you find any evidence on any of the maps or the Google Satellite view links on this page? Sketches or annotated photos to explain the connection to glaciers is vital to answer this question.

Question 2. How did Otzi stay so well preserved for over 5000 years?

If bodies are buried in the ground, only a skeleton is left after one year in normal conditions. Why was Otzi's body so well preserved? What is the link between altitude, temperature & ice?

Question 3. Objects and bodies underneath the ice on mountains generally move downhill over time. We don't think that Otzi moved very far from the place where he died. Why is this?

This is the most difficult question to answer and will test your knowledge and understanding. Follow these steps:

- i. Remember what you saw in the video above? Those pieces of plane wreckage and bodies discovered in 1990, 40 years after the accident, but 2000 meters further down the mountainside
- ii. Then look carefully at the photo on page 4 & 5 of the Ice Man book. The body was found in a gully. Does this give you any clues? Also study the very rough hand drawn plan to show how Otzi could have been covered in ice by clicking on the blue tab below.

Please answer these questions in a well-organized essay which includes good transitions between questions.



Task 7- Tweet Time



Task 7 - So, we would like you to tweet your responses to us using the Twister application on the classtools website. **Click this link** and follow the instructions:

User name: Enter your name

Real Name: Enter 'Otzi The Ice Man'

Tweet: Please tell us the following two things in less than 140 characters (just like the real Twitter)

- i. What have you learnt that you didn't know before?
- ii. What would you like to learn next?

If you get stuck, you can always complete two tweets, one for each question!

Date: Enter the date today.

After checking spelling, click on submit and your Tweet will be generated. When you have finished your Tweet please print out a copy to attach to your *Task Packet*.