

TRAINING LOG

Please tell us about a Ten Tors training walk on Dartmoor. You could include: What did you like about it? What didn't you like? What did you learn? What will you do differently next time? What did you see? What was funny?

Location:

Date:

Number in group:

Weather:

The log:

Cover photo: Haytor and tramway. What are the rails made of?

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CUT LINE

INDUSTRIAL DARTMOOR



Tin has been harvested from Dartmoor for thousands of years. The landscape is scarred with evidence of this industry. Eylesbarrow mine covers a significant area with many features still visible, some on the map.

Which features are associated with mining?

☐ Cairn ☐ Adit ☐ Blowing House

Powdermills was a factory connected to the mining and quarrying industries.

What did it make?

☐ Abrasives
☐ Make up
☐ Gunpowder



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Name

Establishment

Category: ☐ TTC 35 Mile ☐ TTC 45 Mile ☐ TTC 55 Mile ☐ JC Under 16 ☐ JC Under 21

Where's To?

An observational quiz for participants in Ten Tors



Tony Clark
Julian Thorne



TEN TORS AND JUBILEE CHALLENGES



Ten Tors celebrates its 60th event in 2022.

When was the first Event held?

☐ 1960
☐ 1961
☐ 1962

Which Army Unit organised the original event?

☐ Parachute Regiment Junior Leaders
☐ Royal Signals Junior Leaders
☐ Coldstream Guards Junior Leaders

The Jubilee Challenge was set up in 1977 to celebrate which Jubilee?

☐ Bronze ☐ Silver ☐ Gold

What was the Jubilee Challenge originally called?

☐ Special Challenge
☐ Special Event
☐ Special Expedition



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FOLD LINE

INTRODUCTION

Where's to? That's Dartmoor dialect for where is it!

Dartmoor is exciting, full of history and wildlife. Understanding its special qualities will help you navigate and enjoy the open, wild moor.

Keep your eyes peeled during your walks on Dartmoor as well as using books and the internet to discover the answers to this Quiz.

Fill in the answers to the questions and complete a training log. Some questions will require more than one box to be marked.

You can submit your completed quiz either online or by sending a paper copy but either way we hope this quiz enhances your knowledge of this wonderful place.

Good hunting and enjoy Dartmoor.

*Lt Col (Retd) A H Clark OBE
Advisor to Director Ten Tors*

CONDITIONS

This Ten Tors Quiz is open to all teenagers who train for the Ten Tors and Jubilee Challenges; you do not have to take part in the Event to enter.

Entries should be submitted by Tuesday 26th April 2022 electronically to SWHQ-TenTors-MAILBOX@mod.gov.uk or by post to :

The Ten Tors Secretary, Okehampton Camp, Okehampton, Devon, EX20 1QP.

In the event of a draw, the training log will be used as a tie-breaker.

In all matters the Adjudicator's decision will be final.

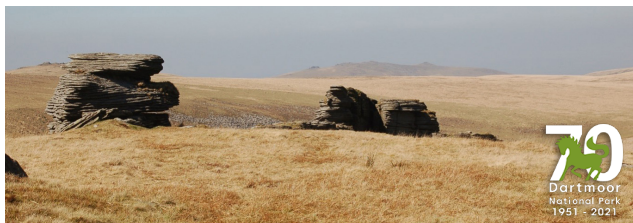
Prizes will be awarded at the Ten Tors Event.

(Completed quiz books will be returned to you via your Team Manager).

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CUT LINE



Dartmoor was designated one of the UK's first National Parks on 30 October 1951. Which other UK National Parks were designated that year?

- ☐ Exmoor ☐ Lake District ☐ Peak District ☐ Snowdonia

Which of the following are National Park Authority's main purposes?

- ☐ Conserve & enhance the Park's natural beauty, wildlife & cultural heritage
☐ Promote opportunities for everyone to understand and enjoy its special qualities
☐ Promote the economic & social wellbeing of local communities on Dartmoor

Dartmoor National Park have set a challenge to celebrate the 70 years as a National Park.

What is it?

- ☐ Raise money for Dartmoor
☐ Discover something new about Dartmoor
☐ Ride a horse or bike the length of Dartmoor



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PEAT AND BOGS

Work is being carried out on Dartmoor, and more is planned, to re-create living bogs to create peat.

Why is peat so important to the environment?

- ☐ It stores carbon
☐ It makes Dartmoor more fertile
☐ It helps with water management

What has peat been used for?

- ☐ A building material
☐ Gardening
☐ Fuel
☐ Production of naphtha



Dartmoor's peat is formed from the waterlogged accumulation of what rootless plant?

- ☐ Bog asphodel
☐ Cotton grass
☐ Sphagnum moss



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FARMING

Dartmoor has been farmed for over 5,000 thousand years, including the grazing of sheep and cattle, as today.

What sort of sheep is this?

- ☐ Dartmoor Greyface
☐ Scotch Blackface

If you find a cow with her calf in your way do you:

- ☐ Walk straight through – cow's are domesticated, aren't they?
☐ Back away avoiding eye contact
☐ Divert around them making sure you do not come between mother and calf



Why does this gate post have an L-shaped hole?

- ☐ The post was recycled from a building
☐ It was part of the fence
☐ Wooden bars slotted in to fix the gate



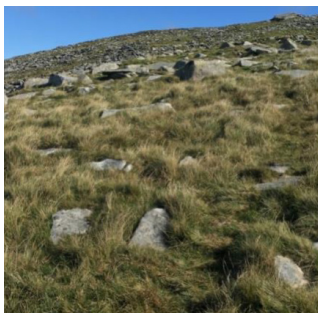
In association with

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FOLD LINE

ENVIRONMENT

Rock debris on the side of tors, hills and mountains are known by different names in different places.



Which name has Dartmoor given the world for these type of boulder fields?

- ☐ Microgranite
☐ Clitter
☐ Scree

Lichen is a composite organism that arises from algae living synergistically with fungi. They come in many forms, colours and sizes. Over 60 species have been identified on Dartmoor.

What is the common name for this colourful lichen?

- ☐ Red hot pokers
☐ Devil's matchsticks
☐ Tail lights



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BIRDS

Dartmoor's open moorland provides a breeding area for ground nesting birds, many of which are in decline elsewhere in the UK. The call of the bird in the picture has a distinctive burbling trill when in flight.

What is it?

- ☐ Curlew
☐ Cuckoo
☐ Skylark



The crow family, or Corvids, include several species found on Dartmoor. Many of them like to play, including acrobatics in flight. This bird makes a distinctive "tchack" sound.

What is it?

- ☐ Crow
☐ Jackdaw
☐ Magpie
☐ Raven



In association with  giving nature a home

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MILITARY



The Armed Forces offer great STEM training and careers.

What does STEM stand for?

- ☐ Space, Time, Energy, Mass
☐ Science, Technology, Engineering, Mathematics
☐ Six Term Exercise Modules

There are several short sections of railway line on the Live Firing Ranges. The one shown is just south of Rowtor.

What were they used for?

- ☐ Firing from a moving vehicle
☐ Firing at a moving target



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ARCHAEOLOGY

Dartmoor not only has many stone rows, it also has the world's longest.

How long is it?

- ☐ 1.8km
☐ 2.1km
☐ 3.4k



Which river does it cross?

- ☐ Avon ☐ Dart ☐ Erme ☐ Tavy

The photograph shows a Bronze Age burial chamber.

What are they known as?

- ☐ Henge
☐ Cist
☐ Coombe

A burial chamber was recently excavated on White Horse Hill. Replicas of the grave goods are displayed in the Postbridge Visitor Centre.



Which of the following is unlikely to be from Britain?

- ☐ Amber beads
☐ Pelt from a brown bear
☐ Tin beads
☐ Woven cow hair bracelet

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WATER



Dartmoor has several reservoirs built to supply drinking water to communities in the lowlands. Some were built since the designation of the National Park, and some were built since the first Ten Tors.

Which are they?

Reservoir	DNP	Ten Tors
Avon Dam	<input type="checkbox"/>	<input type="checkbox"/>
Burrator	<input type="checkbox"/>	<input type="checkbox"/>
Fernworthy	<input type="checkbox"/>	<input type="checkbox"/>
Meldon	<input type="checkbox"/>	<input type="checkbox"/>



Dartmoor has many artificial water channels, known as leats. Some date back to medieval times.

What was the water used for?

- ☐ Agriculture
- ☐ Cooling cream
- ☐ Drinking water
- ☐ Power supply for mining and wool industries

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CUT LINE

NAVIGATION

There are three Norths: True (the geographic North Pole), Magnetic (where the compass points) and Grid (vertical blue lines on OS maps).



For the first Ten Tors, was Magnetic North to the East or West of Grid North?

- ☐ East
- ☐ West

When did Magnetic North coincide with Grid North over Dartmoor (Plymouth)?

- ☐ 2010
- ☐ 2017
- ☐ 2021



It is possible to use the moon for basic navigation.

If an imaginary line is drawn between the horns of a crescent moon, where would it cross the horizon?

- ☐ North
- ☐ East
- ☐ South
- ☐ West



In association with

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WEATHER

What might these clouds be compared to?

- ☐ Mare's tails
- ☐ Mackerel
- ☐ Cauliflower

What weather might you predict from this cloud formation?

- ☐ Rain
- ☐ Dry
- ☐ Changeable



From the pressure chart, there is a Low over Scandinavia. Which direction would the wind spiral around this area?

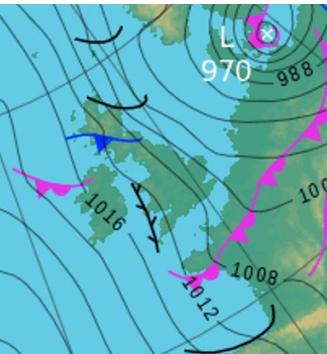
- ☐ Clockwise
- ☐ Anticlockwise

In which case, where would the wind over Dartmoor come from?

- ☐ North East
- ☐ South West

What does the thick black line with the spurs to the west of Devon and Cornwall indicate?

- ☐ Occluded Front
- ☐ Quasi-stationary front
- ☐ Slow-moving trough



In association with Met Office

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FIRST AID AND DARTMOOR SEARCH AND RESCUE



If you need Dartmoor Search and Rescue, dial 999 and ask for which service?

- ☐ Ambulance
- ☐ Coast Guard
- ☐ Fire
- ☐ Police

Anaphylaxis is a very severe allergic reaction. One member of your team has a severe allergy to peanuts. Another teammate has forgotten this and started eating a chocolate bar containing peanuts.

What might the signs of anaphylaxis be?

- ☐ Tingling in lips
- ☐ Feeling unwell
- ☐ Looking unwell
- ☐ Difficulty breathing



In association with

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FOLD LINE