

Name .....

Establishment .....

Category: ☐ TTC 35 Mile ☐ TTC 45 Mile ☐ TTC 55 Mile ☐ JC Under 16 ☐ JC Under 20

# Where's To?

An observational quiz for participants in Ten Tors

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AMS 20-11-153

  
**ARMY**  
BE THE BEST

# 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.

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 Friday 23 April 2021 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).*

## TEN TORS AND JUBILEE CHALLENGES

The first Ten Tors Expedition in 1960, was created by the Royal Signals Junior Leaders Regiment based at Denbury Camp, near Newton Abbot.

Where was the start?

.....  
**Mixed teams of 3 boys and 3 girls were permitted in 1984.**

When did the first all girls team complete a 45 mile route?

.....  
In what year were any gender combinations allowed?  
.....



**The Jubilee Challenge was originally called the Special Event.**

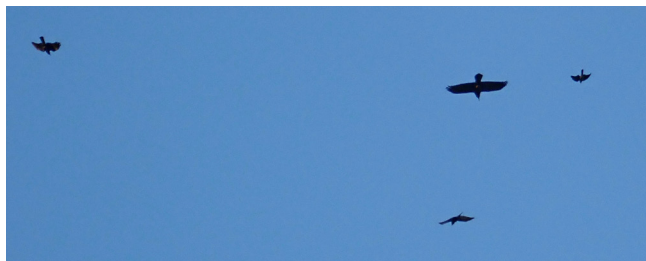
In what year was it first held?

When was it re-named Jubilee Challenge?

.....  
Which Jubilee does this celebrate?  
.....



## BIRDS



**The three smaller birds are rooks and they are attempting to drive the larger bird away.**

What sort of bird is the large one?

☐ Crow

☐ Jackdaw

☐ Raven

☐ Chough

**This little bird is a bit larger than a robin. Its call is a hard 'chack, chack', very similar to the sound of two stones hitting each other. It isn't a stonechat, so what is it?**

☐ Dunnock

☐ Grouse

☐ Wheatear

☐ Skylark



In association with



## DARTMOOR NATIONAL PARK

There are three ancient, high-altitude oak woodlands on Dartmoor: **Black-a-Tor Copse, Piles Copse and Wistman's Wood.** The trees are mainly **pedunculate or English oak** which have very short leaf stems but very long stem on the seed. The **Sessile oak** is more common elsewhere and has long leaf stems but stalkless seed.

What is the seed of the oak called in the Devon dialect?

- ☐ Mace
- ☐ Mast
- ☐ Acorns
- ☐ Truffles



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

The Dartmoor name for these boulder fields is what?

- ☐ Microgranite
- ☐ Clutter
- ☐ Clitter
- ☐ Screed



In association with **DUCHY of CORNWALL**

## BOGS

There are three types of bog on Dartmoor – valley mire, raised bog and blanket bog. Taking carbon from the atmosphere by photosynthesis, they form a huge carbon store in the form of peat as the bog plants decay.

Peat is nutrient poor, so these sundew plants do what to compensate?



- ☐ Catch nutrients in rain droplets
- ☐ Steal nectar from pollinating insects
- ☐ Lure, capture and digest insects

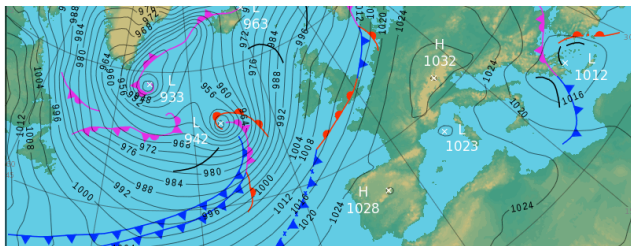
There are many different plants that are only found in the bogs. The photograph shows a plant that conveniently indicates the presence of wet bog with fluffy white seedheads.



What is the common name of this plant?

.....

# WEATHER



**This surface pressure chart was downloaded for a training walk in 2020.**

What sort of Front is the red line over Dartmoor?

- ☐ Cold Front      ☐ Warm Front      ☐ Occluded Front

Would you be more likely to need sun cream or waterproofs?

.....

**The contour lines, or isobars, indicate surface pressure, and are quite close together.**

Would you expect calm conditions, or strong wind?

.....

**L942 is a low or depression.**

In the Northern hemisphere, which direction would you expect the wind to blow around a low?

- ☐ Clockwise      ☐ Anticlockwise

On this basis, what direction would the wind on Dartmoor be blowing from?

- ☐ North East  
☐ South West

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## INDUSTRIAL DARTMOOR



**Granite from Dartmoor's quarries has been incorporated in many famous landmarks.**

These 'spares' were quarried from Swelltor Quarry for which famous London landmark?

.....  
Where is this landmark now?  
.....

**Bleak House lies between Green Tor and the Dunna Goat tors. It is now a ruin, and has its fair share of folklore, including housing a first German spy in World War I.**

What was it built for?

- ☐ As a Knacking Mill (to crush tin ore)
- ☐ As a Blowing House (to smelt the tin ore)
- ☐ As a house for the peat works site manager





## ARCHAEOLOGY

The largest standing stone on Dartmoor is known as The Bone, or the Drizzlecombe Menhir. It was 'restored' from a recumbent position in 1893.

How tall is it?

☐ 2.4m

☐ 3.5m

☐ 4.3m



The Bone is at one end of a stone row, with a cairn at the other.

How many stone rows are there on Drizzlecombe with a standing stone at one end and a cairn at the other?

☐ 2

☐ 3

☐ 4

Grimspound is the site of a settlement with 24 round houses. The boundary wall is 150m in diameter.

In which historical period was it built?

☐ Stone Age

☐ Bronze Age

☐ Norman

☐ Medieval



## WILD DARTMOOR

Ponies on Dartmoor are semi-feral. They are all owned but run wild all year round. **Most have not been handled, so do not feed or pet them.**

**Pony hoof prints 3,500 years old have been found on Dartmoor.**

What have they been used for on the Moor other than for riding and land management?

- ☐ Delivering the mail
- ☐ As pit ponies
- ☐ Shepherding
- ☐ Transporting granite



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**Dartmoor has inspired many famous literary works from The Hound of the Baskervilles to Tarka the Otter.**

Who wrote Tarka the Otter?

- ☐ Beatrix Potter
- ☐ Gavin Maxwell
- ☐ Henry Williamson
- ☐ Michael Morpurgo

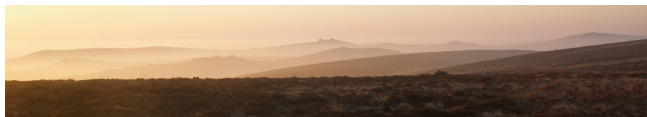


**Otters living on Dartmoor's rivers are potentially less in-bred than those on other rivers because most of Devon's rivers, flowing to both North and South coasts all rise within 2km of Cut Hill.**

What is the technical term for otters' droppings?

- ☐ Fewmets
- ☐ Guano
- ☐ Scat
- ☐ Spraint

# NAVIGATION AND GEOLOGY



**The sun rises in the East and sets in the West – but only sometimes!**  
**Where the sun actually rises and sets varies depending on the time of year.**

On which day/s in 2021 does the sun actually rise due East and set due West?

- ☐ Spring equinox (March 20<sup>th</sup>)
- ☐ Summer solstice (June 21<sup>st</sup>)
- ☐ Autumn equinox (September 22<sup>nd</sup>)
- ☐ Winter solstice (December 21<sup>st</sup>)

**For any route it is usual to break it down into manageable chunks, or legs. A good way to convert the information from the map to the leg is to identify and consider the five Ds.**

What are they?



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1. D.....  
What risks are there?
2. D.....  
How far?
3. D.....  
How long will it take you?
4. D.....  
Which way is it? Perhaps a compass bearing?
5. D.....  
What is it going to look like?  
Are there any features to look out for?

# 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

**Hypothermia – Know your Umbles! It is a bitterly cold day on a training walk. There are the five Umbles to look for symptoms in your team members.**

Add one or two letters to the Umbles below to describe the changes in movement, speech, coordination and attitude:

1. .... umbles - movement
2. .... umbles - speech
3. .... umbles - coordination
4. .... umbles - attitude
5. **CR**umbles - really severe hypothermia



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## FARMING

In association with



**Your team are walking across open moorland but in your path is a herd of cows, including some calves. What should you do?**

- ☐ Walk through them, they don't have horns
- ☐ Make a detour around them, cows can be unpredictable, especially with calves

What sort of cattle are the brown ones in the photo?

- ☐ Aberdeen Angus
- ☐ Devon Red
- ☐ Belted Galloway
- ☐ Highland

**Several farms on Dartmoor have Warren in their name. What sort of animals do you think they farmed?**

- ☐ Goats
- ☐ Hares
- ☐ Rabbits



**Warren Farms frequently have Pillow Mounds marked on the map nearby, such as the pale green area in the bottom right of this photo.**

What were they used for?

- ☐ To harvest featherbed bog for animal bedding
- ☐ They were the warren
- ☐ Burial chamber for tribal chiefs

## MILITARY



**Dartmoor has five training areas used by the military for training. Three of them are used for firing live ammunition, which are the ranges known as Okehampton, Merrivale and Willsworthy. The other two areas are used for 'dry-training', using only blank ammunition and pyrotechnics.**

Where are these dry-training areas?

- |  |                                      |
|--|--------------------------------------|
| <input type="checkbox"/> Cramber Tor           | <input type="checkbox"/> Holne Ridge |
| <input type="checkbox"/> Ringmoor & Sheeps Tor | <input type="checkbox"/> Saddle Tor  |

When did the military start using Dartmoor as an artillery training area?

- |                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> 1700s | <input type="checkbox"/> 1800s | <input type="checkbox"/> 1900s |
|--------------------------------|--------------------------------|--------------------------------|

**This short railway line is just south of Rowtor. What was it used for?**

- ☐ Training for the military in building and maintaining railways
- ☐ A moving target
- ☐ Transporting supplies between live firing ranges



## FAMOUS LANDMARKS

There are many remote churches and chapels on Dartmoor. This is probably the most spectacular.



Which hill is this church built on?

- ☐ Devil's Tor    ☐ Vixen Tor    ☐ Oke Tor    ☐ Brent Tor

**Like several other well known 'mounts', this one is also dedicated to the archangel Michael.**

The now global pastime of Geocaching can be traced back to what activity started on Dartmoor?

- ☐ Postcarding  
☐ Letterboxing  
☐ Boulderering  
☐ Hide and seek

**Whilst there are now thousands of such 'finds' on Dartmoor, there are two permanent locations, one on the North and the other on the South moor.**

Where are they?

**North moor (from 1854)** .....

**South moor (from 1938)** .....





## 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: The Ten Tors Cross.** What is the grid reference for this cross?

.....