



action



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EVENT GUIDE

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OUR EXPERIENCE MAKES YOURS A BETTER ONE.

The date for your Race the Sun, Yr Wyddfa (Snowdon) Challenge is rapidly approaching!

We are delighted to be the delivery partner of this event and I would like to thank you for taking part and being involved in what will be an incredible day.

Our role is to ensure the smooth and safe delivery of the event. As part of your preparations, please read through this document carefully so you are fully prepared before your arrival at the Event Registration.

1. EVENT DATES & OVERVIEW



EVENT DATE

Saturday 27th April 2024

EVENT REGISTRATION / EQUIPMENT DROP

Friday 26th April 2024

From 18:00 - 20:00

ONLINE SAFETY BRIEFING

Tuesday 16th April 19:00 - 20:00

<https://us06web.zoom.us/j/81512624991?pwd=FLqQxnVRBVxw8MUbbwQbNaNcKycVaB.1>

Meeting ID: 815 1262 4991

Passcode: 816647

OVERVIEW

Race the Sun Yr Wyddfa (Snowdon) is part of the Race the Sun Series and is the first event in the season and a new event for 2024! Race the Sun is an 'Adventure Triathlon' where participants complete three activity phases as either a team of two or four. Participants will complete the Bike, Hike and Paddle phases between dusk and dawn raising vital funds for Action Medical Research.

Yr Wyddfa (Snowdon) is set in the stunning Eryri (Snowdonia) National Park, participants will summit the famous Yr Wyddfa (Snowdon) as well as paddling on the glittering jewel of Llyn Padarn and completing a beautiful road ride through the breathtaking Welsh countryside in a race against the setting sun.



SAFETY BRIEFING

All participants must attend the online safety briefing 2 weeks prior to the event. The briefing will be presented by the Event Director who will cover the logistics for before, during and after the event. They will also discuss equipment and clothing as well as important safety information.

REGISTRATION

Registration is held the evening prior to the event at the Event Hub.

Parc Padarn

Event Field, Parc Padarn, Llanberis, Y Ganolfan LL55 4UR

[///monkeys.outer.stung](http://monkeys.outer.stung)

At registration teams will be given their event packs, including event numbers, safety pins, cable ties and parking permit (see below).

Teams can have their bikes safety checked by the event mechanics. These can then be left at the Event Hub overnight. It is advised that teams leave their clothing and equipment for the event in their transition area overnight and arrive dressed in the clothing for their first phase on the morning of the event.

PARKING

There is a designated car park for the event which is located a 5 minute cycle from the event hub in Llanberis, parking is free for all vehicles for the duration of the event. Next to the event hub is a public pay and display carpark, this carpark can be used for registration and to drop equipment but will be subject to pay and display. Cars must be parked in a carpark and not on the street. The event carpark will be signposted from the event hub. Please see next page for more details.

START

Teams will be allocated a start wave time, each wave consists of 15 teams and will alternate between the three activities in 15 minute departures from 07:00. You will receive your start time and phase order closer to the event date.

At the start line, teams will be issued a tracker which will transmit the teams live location to an online map allowing friends and family to follow their progress.

TRANSITION

There is a transition zone at the Event Hub. Each of the activity phases are circular, departing and finishing at the event hub. Each team has a designated bike rack and transition area to leave their clothing and equipment for the three phases. Arriving at the transition zone teams will rack their bikes and change clothing before heading onto the next phase.

Water refills, refreshments, bike racking, toilets, and changing rooms will be available at the transition zone. Packed lunches (provided) will be collected from the event hub.

FINISH

Once all three activity phases have been completed teams will receive a medal, a complimentary alcoholic or soft drink to celebrate their success and a post-event evening meal consisting of a BBQ with salad buffet.



OFFICIAL PARKING

One of the stipulations of our event licence is that we must ensure that participants park in the designated car park and not use the local car parks or on the road. We have provided all participants with free parking at Glyn Rhonwy car park.

Parc Padarn Car Park can be used at registration to drop kit and post event to collect kit. Please do not use this car park for the rest of the event.

The parking at Glyn Rhonwy is 2km from the event hub, it is therefore recommended that you leave your transition equipment overnight at the event hub during registration, and cycle from the parking to the event hub on the morning of the event. There will be a mechanic at the parking on the morning of the event should you have any last minute mechanicals. The route will be signed and marshalled.

Thank you for your co-operation, parking in the correct place will ensure this event can happen again next year which will enable us to raise more vital funds for Action Medical Research.

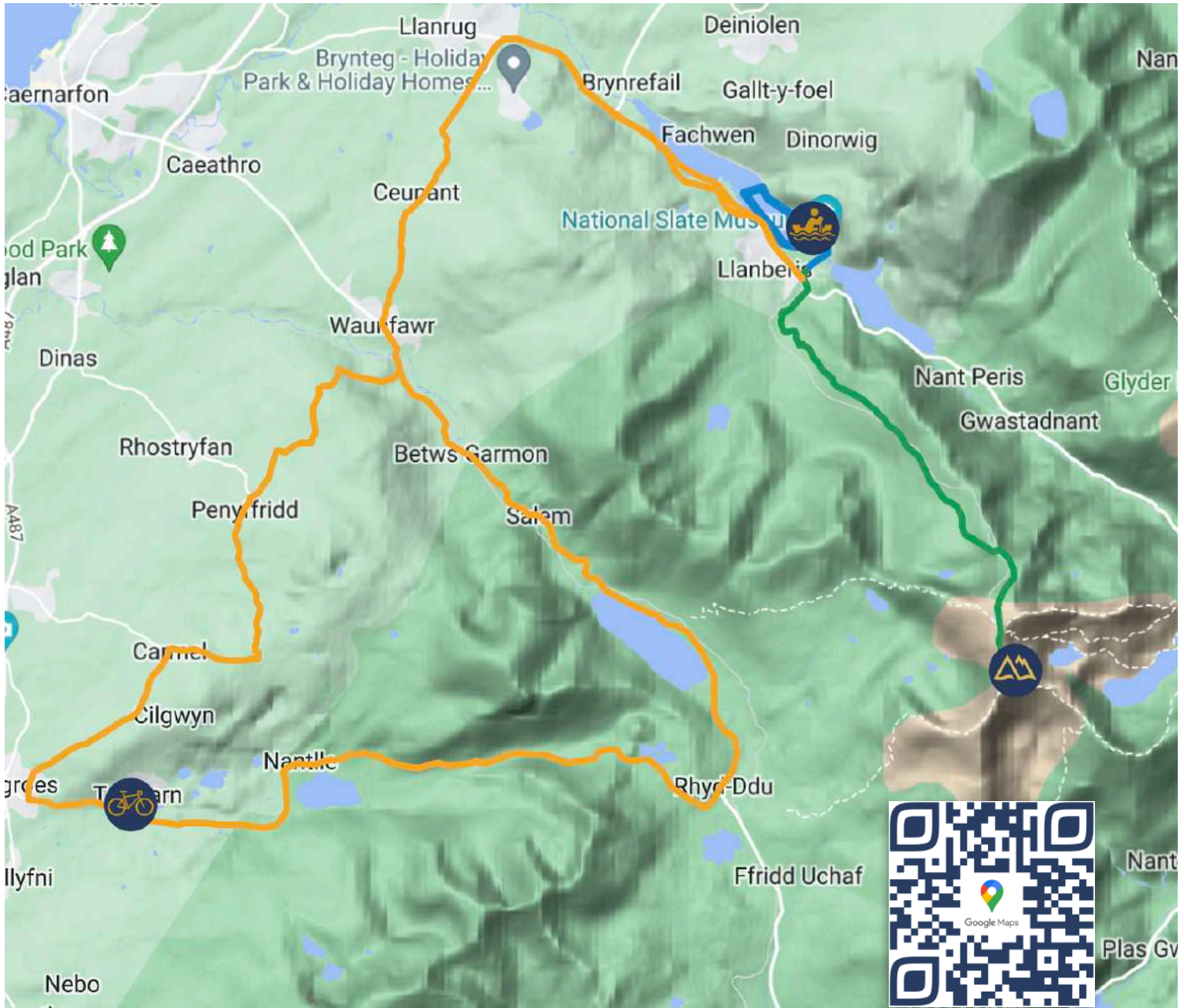
Scan to Navigate to Parking
Google Maps



Scan to Navigate to Event Hub
Google Maps



1. EVENT DATES & OVERVIEW



Click or Scan for
Google Maps

BIKE PHASE

50km circular road ride leaving Llanberis along the side of Llyn Padarn to Llanrug. The route then heads through the foothills of the National Park with views of the Menai Straits and Anglesey and onto Penygroes where there will be a feed station. The route then heads back into the National Park with a long climb ahead over the Drws-y-Coed pass. A lovely descent follows passing Llyn Cwellyn before the final climb back to Llanberis.

PADDLE PHASE

Launching from the Slate Museum teams depart on a circular 3km route along the shores of Llyn Padarn with a short crossing to the opposing lake shore before returning to the Slate Museum.

HIKE PHASE

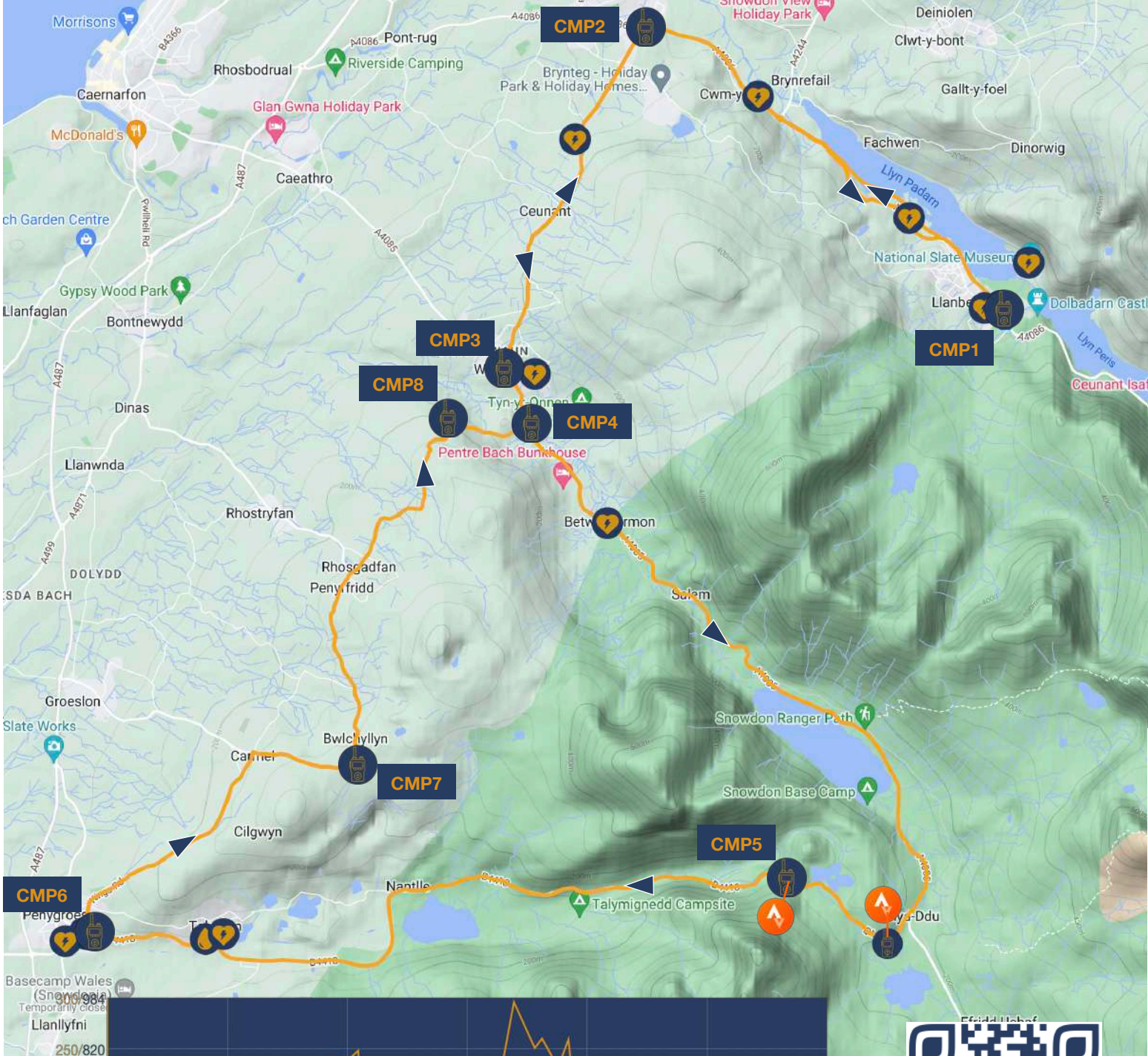
A 15km out and back route summiting Yr Wyddfa (Snowdon) via the Llanberis path.

3. BIKE PHASE



action medical research for children

TOTAL DISTANCE : 51km / 30 miles
TOTAL ASCENT: 669m / 2,195ft
APPROX DURATION: 2hr 10min- 3hr 20mins
DIFFICULTY: Difficult ride with steep climbs.



Click or Scan for STRAVA

3. BIKE PHASE

STRAVA

We have created a Strava Segment on the cycle phase called 'Race the Sun'. The start and end points will be marked with the below signs. If you want to attempt to be the King or Queen of the Mountain or just want to see where you rank against your fellow participants then join the Action Medical Research Club on Strava by clicking or scanning the code below. This will then build a leaderboard of all the Action Medical Research club members.

The climb is only short and there is a marshal at the top and bottom of the segment. Please regroup with your team at the top of the climb.



Click or Scan for
STRAVA

RACE THE SUN

Distance	Elevation Gain	Avg Grade	Base Elev	Summit Elev	Elev Difference
1.97km	82m	3.6%	177m	249m	71m



4. PADDLE PHASE

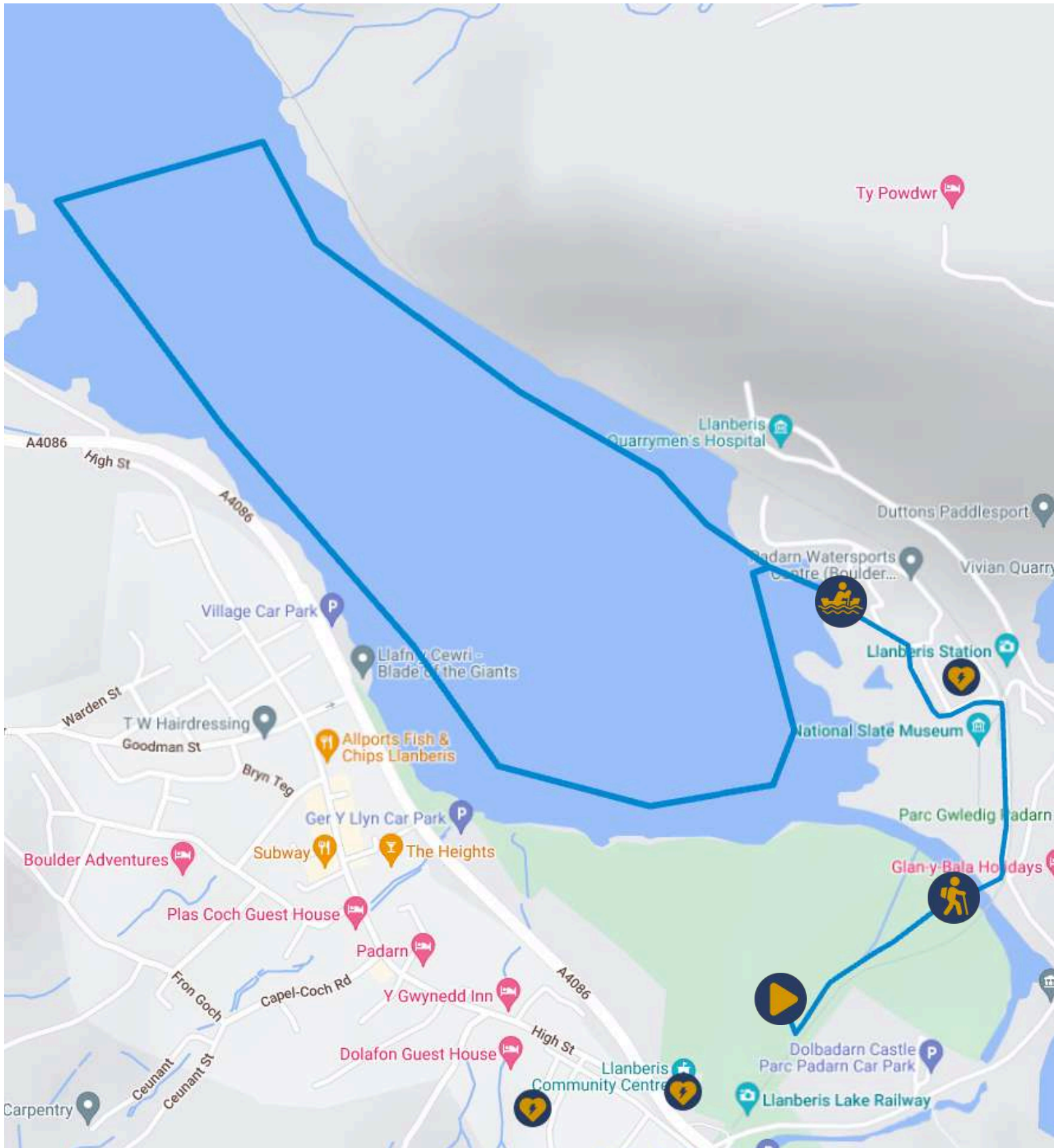
DISTANCE: 3km / 2 miles

Actual route and distance will vary depending on weather conditions.

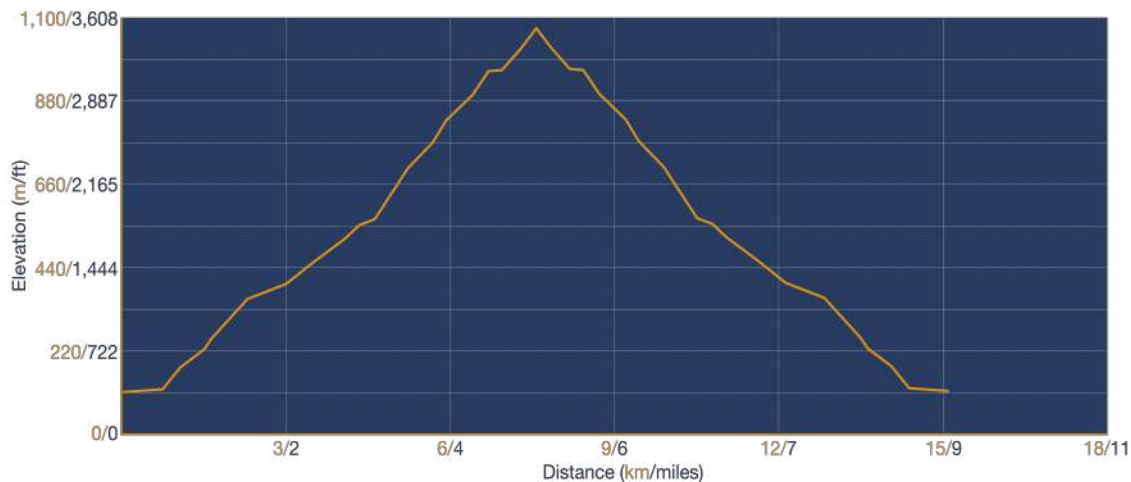
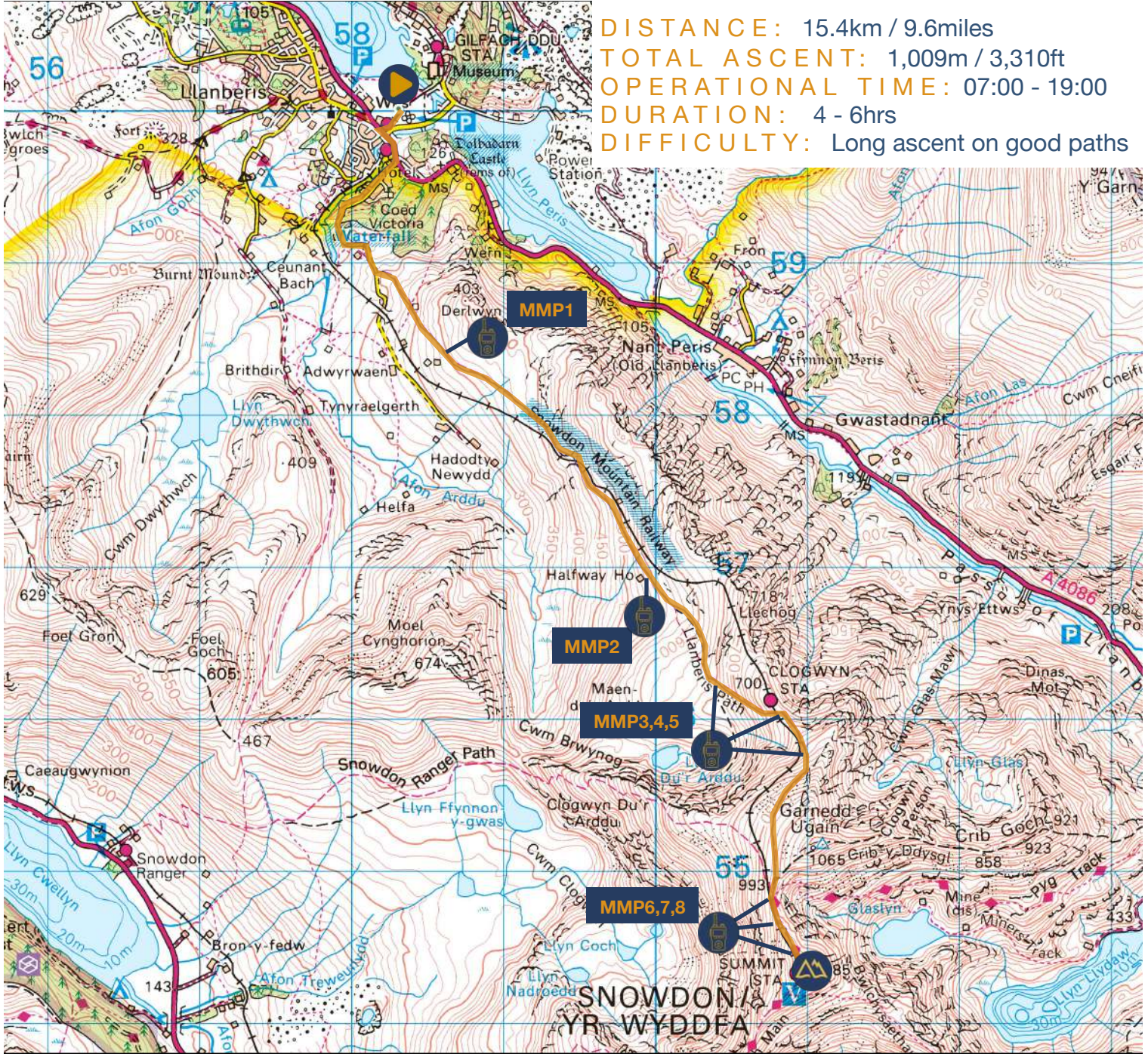
OPERATIONAL TIMES: 07:00 - 18:00

DURATION OF PHASE: approx. 45min

DIFFICULTY: Easy (unless it's windy!)



5. HIKE PHASE



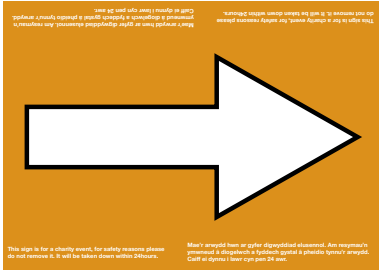
Click or Scan for
OS MAPS

6. NAVIGATION

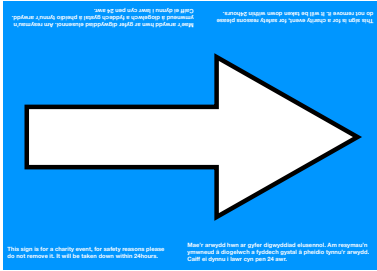
DIRECTIONAL ARROWS

These signs will be used by the participants to navigate whilst on your relevant phase. The colour denotes the phase you are on. They will be positioned at all junctions as well as reassurance on long straights. They are A4 in size.

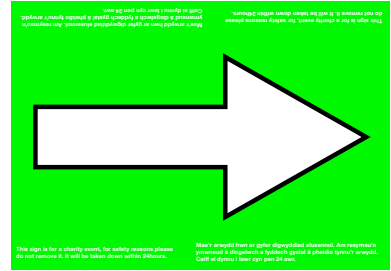
CYCLE ROUTE



CANOE ROUTE

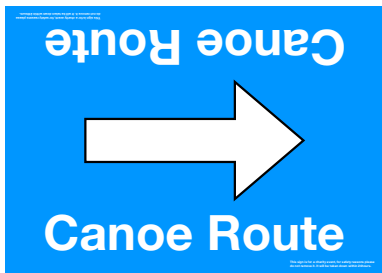


HIKE ROUTE



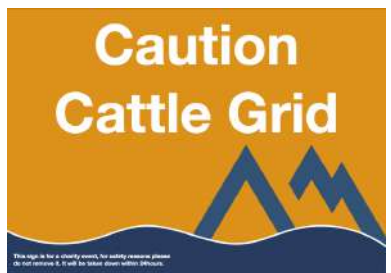
TRANSITION SIGNS

To differentiate routes coming out of the event hub participants will follow the below signs. They are A2 in Size.



CYCLE PHASE SIGNS

Once on the cycle route warning signs will be erected to alert participants of a particular hazard. Examples below. Printed in A3.



MOUNTAIN PHASE FLAGS

We aim not to use any route marking on the mountain. Orange flags will only be used if a marshal has to leave their position on the mountain and there is a junction to take. Or if on the event day visibility is poor.



CANOE PHASE MARKERS

Once on the water a route will be laid out using orange buoys. Safety marshals on powerboats help guide teams.



6. NAVIGATION

GPX FILES

Any participants wishing to download the route to their devices can do so below:



UPLOADING THE FILE TO YOUR DEVICE

Either scan the QR code with the camera on your phone or click on the QR code if viewing on your phone. This will take you to a page to download the GPX file, it will then appear on your phone in your files folder or in your downloads folder on your computer.

You can then upload the file to your device from your phone by sharing the file to the app you use to sync the device you want to use.

CONVERTING THE GPX FILE

To convert the GPX file into other formats such as TCX visit the following website:
www.alltrails.com/en-gb/converter

VIEWING THE ROUTE

To view the routes in more detail click or scan the QR codes below:

**Click or Scan for
Google Maps**



**Click or Scan for
STRAVA**



7. REGISTRATION

REGISTRATION

Participant registration takes place the between 18:00 - 20:00 on Friday 26th April.

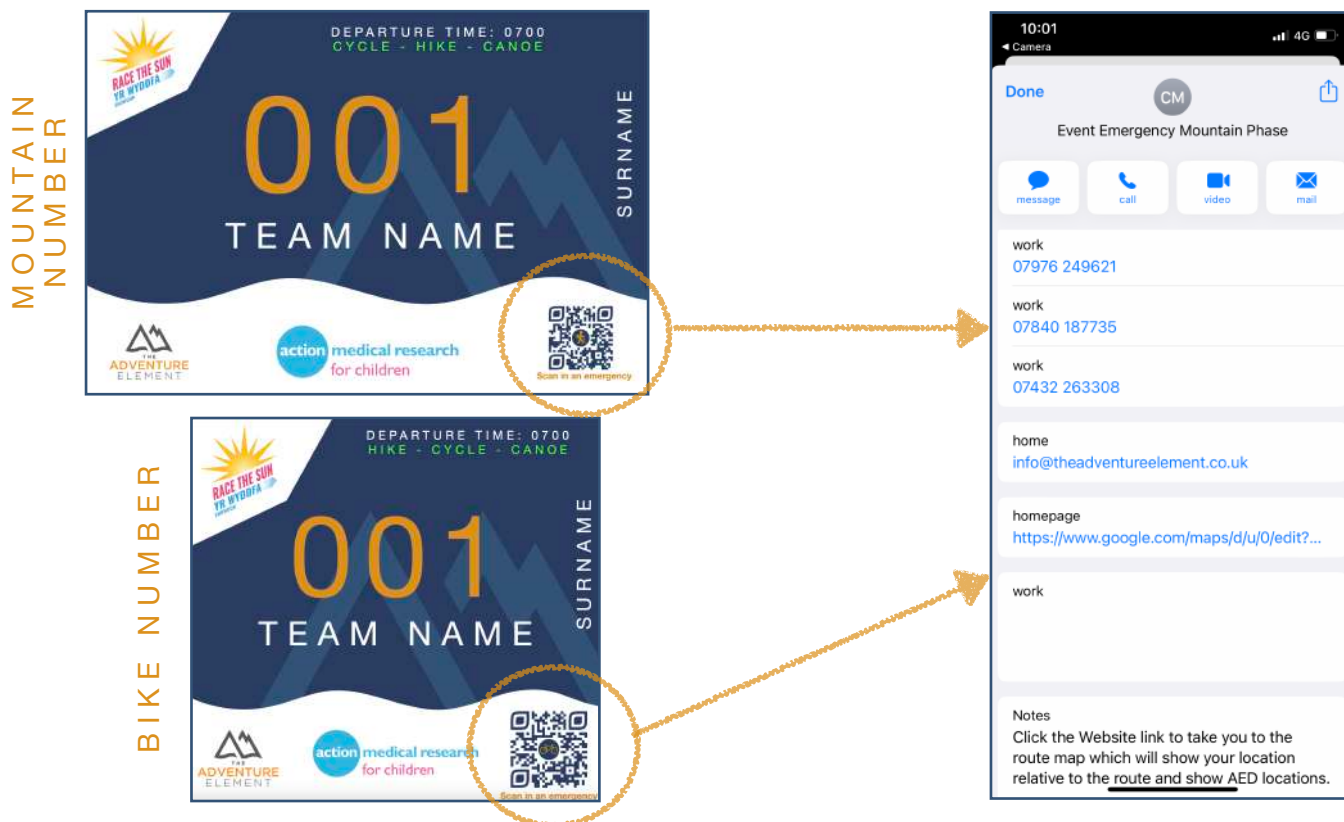
Registration will take place at the Event Hub, teams will be able to book a registration slot closer to the event. Action Medical Research will be in touch to arrange this.

REGISTRATION PACKS

Upon registering each team will be given an envelope with instructions containing:

- 🏔️ Teams bike numbers with cable ties, to be attached to the front of each bike
- 🏔️ Teams bib numbers with safety pins, to be attached to individuals mountain rucksack
- 🏔️ Coloured wrist band denoting which phase order the team is completing

Hike	→	Cycle	→	Canoe
Canoe	→	Hike	→	Cycle
Cycle	→	Canoe	→	Hike



The diagram illustrates the registration packs. It shows two cards: a Mountain Number card and a Bike Number card. Both cards feature the 'RACE THE SUN YR WYDDFA SNOWDON' logo, 'ADVENTURE ELEMENT' logo, and 'action medical research for children' logo. The Mountain Number card has 'DEPARTURE TIME: 0700 CYCLE - HIKE - CANOE' and the Bike Number card has 'DEPARTURE TIME: 0700 HIKE - CYCLE - CANOE'. Both cards display '001' as the number and 'TEAM NAME' and 'SURNAME' as placeholders. A QR code on each card is circled in orange, with arrows pointing to a smartphone screen. The smartphone screen shows a vCard for 'Event Emergency Mountain Phase' with contact details for work and home, a homepage link, and a note about scanning the QR code.

QR CODE FOR EMERGENCY CONTACT DETAILS

On the front of both the cycle number and bib number is a QR code. During registration scan the QR code and save the vCard to your phone.

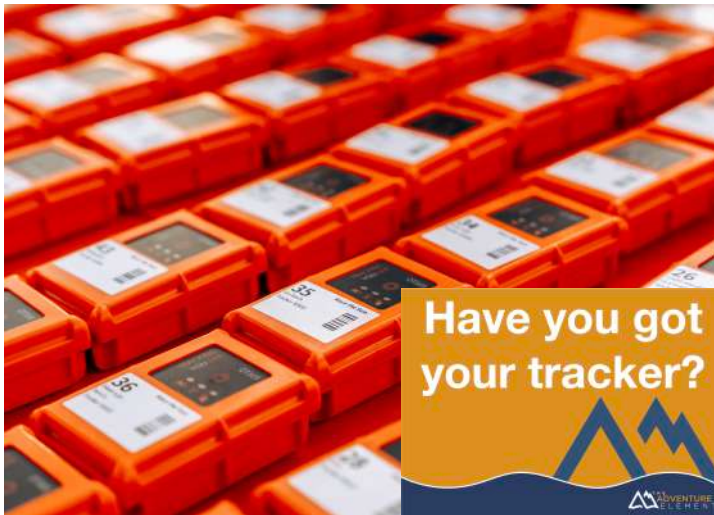
The vCard contains:

- 🏔️ Phase Lead contact number for either Bike or Mountain
- 🏔️ Safety team lead contact number
- 🏔️ Event Directors contact number
- 🏔️ GoogleMaps weblink to show event map, AED locations and Marshal locations

8. TIMING & TRACKING

TIMING

The event will be timed using a ‘dibbing’ system. Each team will be given a ‘dibber’ at the start line which they will use to signal the start and end of each of the different activity phases. This will give each team a total time for the event as well as a time for each of the activity phases. The teams ‘total time’ includes all the activity phases plus the time for transitions.



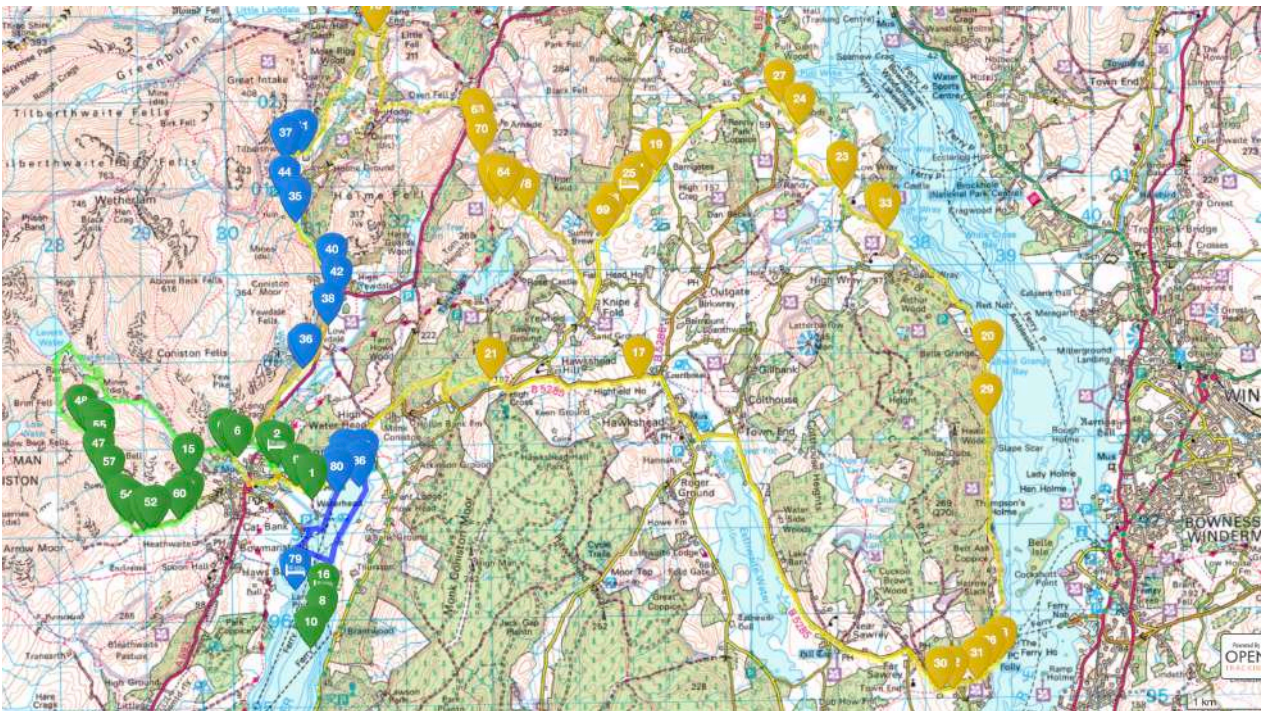
TRACKERS

Each team will be given a GSM tracking device at the start line. This will enable the event management team to monitor the teams progress. It will also be used to locate a team should they run into any difficulty whilst on route.

Teams will be reminded at transition to take their trackers with them.

TRACKING LINK

The tracking link will be streamed live at the Event Hub for participants and friends and family. In your final email pre-event a link will be sent out which friends and family can have access to if you wish to share it with them. It has been proven that embedding this link on your JustGiving page can increase donations.



9. KIT LIST



EQUIPMENT

It's really important to ensure you are ready for the conditions Snowdonia can throw at you. This kit list provides you with the essential equipment and clothing you'll need in order to stay warm and safe throughout the event. The following kit list is not a comprehensive list of all you are required to wear but a list of the essential items or items to consider.

Each team has a designated area in the transition zone with space to leave kit and a bike rack. The area is enclosed by fencing but open to the sky, it is advised that you bring plastic boxes to leave your equipment in incase of bad weather.

Teams can leave their equipment in the transition area overnight but you will have access to the transition zone before the start.

BE PREPARED FOR ANY CONDITIONS!

NOTE: Items in the kits list with an * are optional items. Items denoted ** in grey boxes are essential and will be checked by an event marshal before starting an activity phase in adverse weather conditions. This is to ensure all participants have appropriate or adequate clothing/ equipment for the prevailing conditions. Failure to show these items may mean you are not allowed to start the event or phase.

CYCLING EQUIPMENT

Item Needed	Got it	Packed it
Bike** (see note below)		
Helmet**		
Spare inner tube and repair kit.**		
Bike Pump**		
Bike Computer and mount*		
Bike lights front & rear** (you may be starting the event in the dark)		

CYCLE CLOTHING

Item Needed	Got it	Packed it
Cycling gloves*		
Cycling shorts*		
Cycling shoes* or trainers		
Waterproof and Breathable Jacket. (Gore-tex or Similar)**		
This could be the same as your trekking jacket.		

NOTE: We recommend using a road or hybrid bike for this event. As the route is on-road we would not recommend using a mountain bike. However, if you have trained on it and are confident you can complete the course you are more than welcome to use it.

All participants must provide their own bike, which should be in good working condition. We recommend servicing your bike before the event. On-site bike mechanics will be available at registration on Friday evening, upon request they will ensure your bike is safe for the event and is fitted correctly.

Once you have had your bike checked or if you are happy your bike is fit for the event then your cycle number can be attached to your bike. Each team has a designated bike rack where they can be left overnight, the bikes will be supervised overnight but it is still recommended to bring a bike lock.

Cycle mechanics will be on route to fix any mechanical issues or punctures, they can be contacted via the QR code on your cycle number (see section 7). It is still recommended to bring your own puncture repair kit as it will speed up getting you back on the road as the mechanic might already be busy.

9. KIT LIST

TREKKING EQUIPMENT

Item Needed	Got it	Packed it
Rucksack 20+ litres. Must have 2 x padded shoulder straps. **		
Waterproof rucksack liner or heavy duty rubble bag.		
Head torch with batteries**		
Sunglasses		
Walking Poles		
Water bottle or bladder (Min. 2 litres). **		
Hiking boots/shoes with ankle support and good tread (you are not permitted not wear 'street trainers' or fashion boots for the mountain) **		

TREKKING CLOTHING

Item Needed	Got it	Packed it
Fleece jacket or soft shell**		
Gloves waterproof/windproof **		
Lightweight fleece top		
Sun hat		
Trekking Trousers (you will not be allowed to wear jeans)		
Trekking Socks		
Warm Hat**		
Waterproof and Breathable Jacket. (Gore-tex or Similar)** This could be the same as your Cycle jacket.		
Waterproof Trousers**		

CANOEING PHASE

Most participants will wear their cycling or trekking clothes, with waterproofs over the top along with your second set of footwear. If the weather forecast is bad then pack a change of clothes.

CANOE CLOTHING

Item Needed	Got it	Packed it
Footwear to get wet on canoes (Bare feet will not be allowed)		

NOTE:

4 PERSON TEAMS

You'll be using open canoes, which will be rafted together to make a stable platform for your team of four. It is not envisaged that you will be getting too wet, but we can't guarantee it.

2 PERSON TEAMS

You'll be using two person 'sit on top' kayaks. You will get much wetter from drips coming off the paddles and will likely need a full change of clothes.

10. EVENT TIMINGS

EVENT TIMINGS

06:30 onwards	Teams begin to arrive.	Light breakfast available. Teams allocated 30 minutes to arrive and depart.
07:00 onwards	Teams begin departing from event hub onto the three phases.	Departures at timed intervals.
08:30 onwards	First blue teams to arrive back at hub and transition to next phase.	Teams will continue to arrive back at event hub and transition to next phase. Hub staff to ensure that teams depart with correct kit for the weather.
15:00 onwards	First teams begin to finish event	Fastest teams will begin to finish.
13:30	Cut off for departure onto Cycle Phases	
15:30	Cut off for departure onto Hike Phases	
16:15	Mountain Summit Closed	
17:30	Cut off for departure onto Canoe Phase	
18:00	Average time for a team to complete the three phases	
20:00	All phases closed	All teams will have returned to Event Hub.
16:30 - 20:00	BBQ to be available.	Available for all participants
21:00 EVENT TO CLOSE.		



10. EVENT FAQ'S



Do I need to train for the event?

The challenge is not to be underestimated and increasing your general level of fitness before the event through cycling, walking and aerobic exercises will help you with event preparation.

Will I need to carry my change of clothes for each challenge?

No, your changes of clothes should be left in the transition zone. You will return between each activity phase to the transition so can get changed there. It is recommended that you bring plastic boxes to put your stuff in in case it rains.

Is it essential to get all the items on the kit list?

Yes, all items on the kit list are important for safety reasons and must be carried. In the event of bad weather, some items will need to be produced for inspection by the Event staff. Failure to produce these items may result in you not being allowed to start the activity phase.

Will there be food/refreshments during the event?

Yes, at each phase you will be able to refuel with fruit/ tracker bars and rehydrate with water. If you have your own preferences, please bring these along with you. You will be provided with a packed lunch which will be available from the Event Hub. An evening celebration meal will also be provided.

Can I leave my bike overnight after the Event Registration?

Yes, there will be bike racks available at the transition zone. Please bring a bike lock for extra security. The Adventure Element staff will camp in the transition area, but cannot take responsibility for your bike.

Will there be toilets along the route?

Yes, there will be facilities half way round the bike route and at the summit of Snowdon. Other than that, you can use local facilities as you pass them.

What first aid provisions will be on the event?

All Adventure Element staff are first aid qualified and will be carrying first aid kits. There will also be first aid kits in the transport and safety vehicles. Most staff are local to Snowdonia and will be able to contact emergency services if required.

Will there be route signage?

There will be orange coloured arrows to follow on the Bike and some of the Hike phases. You will also be given maps in case of emergency. In addition, there will be roaming mountain guides who will be on the mountain climb to guide you on your way.

What happens if the weather is really bad?

It is rare that we have to completely cancel an event due to bad weather. It is important that you come prepared for any type of weather.

We have already planned an alternative mountain route we can use, and the canoe route can be adjusted to suit most conditions. Completing the challenge in harsh conditions just makes that fund raising money even more worth the effort!



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