



Farran Forest park

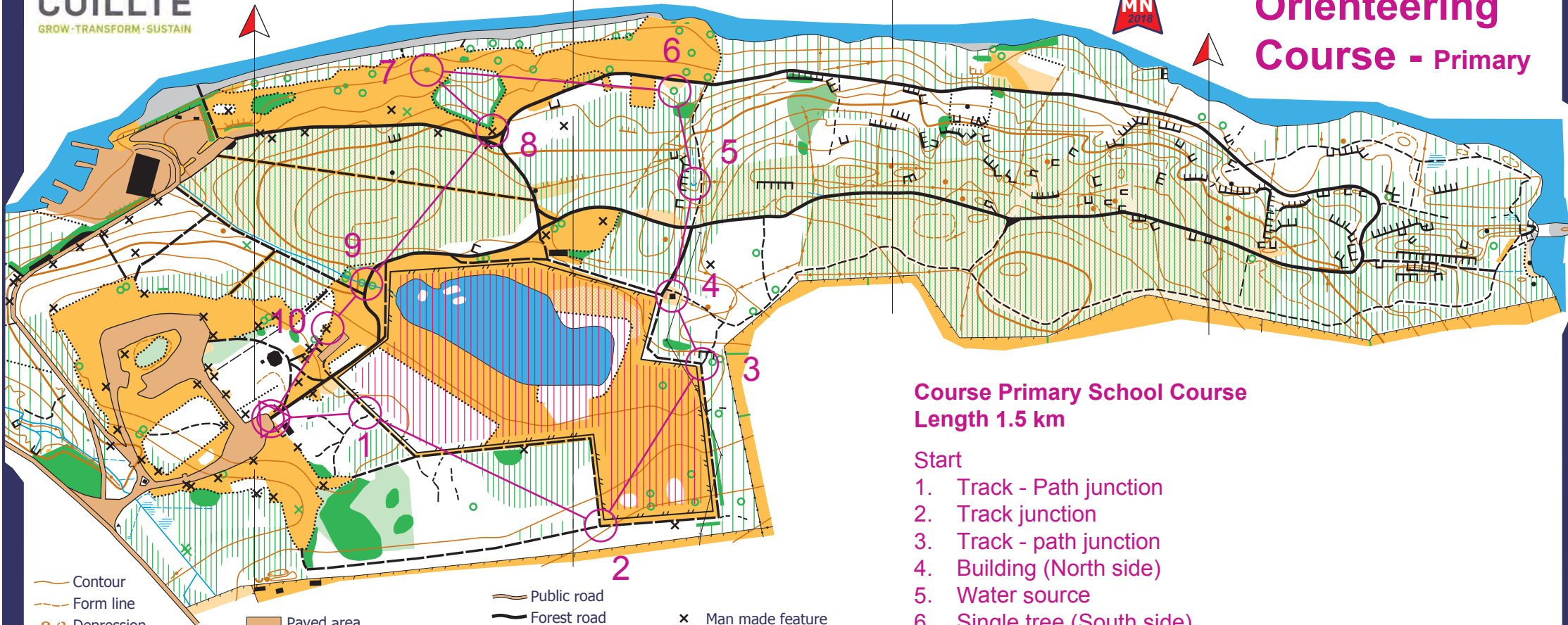
Scale 1:5,000
Contours 5m



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For results, fixtures and orienteering information



Permanent Orienteering Course - Primary



Course Primary School Course Length 1.5 km

Start

1. Track - Path junction
2. Track junction
3. Track - path junction
4. Building (North side)
5. Water source
6. Single tree (South side)
7. Thicket (North side)
8. Man-made object (post)
9. Track stream junction
10. Man made object (Bench)
200 m from last control to finish.

Contour	Paved area	Public road	Man made feature
Form line	Forest : Run	Forest road	Buildings
Depression	Pasture land	Vehicle track	Boulder
Small knoll	Rough open land	Large path	Cliff
Small depression	Forest : Walk	Small path	Root stock
Steep earth slope	Vegetation : Impenetrable	Intermittent path	
Earth wall	Undergrowth: Slow Run	Narrow ride	
Single/odd tree	Undergrowth: Walk	Fence	
Vegetation boundary	Lake		
Stream	Out of bounds		
Drainage ditch			
Marsh			

Orienteering – Primary School Level

Farran Forest Park

Your Name

Today's Date

There are 10 controls for you to find on this Eco-Trail.
Answer the questions on each of the pages. Also record the control point codes as you explore the Park.



Control Point 1 – Sound Map

At this control, you are going to create a map of sounds which you can hear. The post at the centre of the sound map represents the post at this control. Can you identify 5 separate sounds? Record the sounds you can hear on the map. Are they natural sounds or man made sounds?



Each sound scores 3 points.

Answer 1: _____

Answer 2: _____

Answer 3: _____

Answer 4: _____

Answer 5: _____

Control Point Code: _____

Control Point 2 – Deer Species

In Farran Forest Park, we have two species of deer. You may need to look really hard into the enclosure as these animals coats provide good camouflage to help them blend into their surroundings.

Can you identify from these pictures which deer we have in the Park?

Each correct answer scores 5 points



Yes: _____

No: _____

Muntjac



Yes: _____

No: _____

Red Deer



Yes: _____

No: _____

Fallow Deer

Control Point Code: _____

Control Point 3 – Unusual Tree Species

Within a few metres of this control point is a very tall tree with an unusual bark that is non-native to Ireland. Non-native species come from another country or climate and they are not natural to the area they have been introduced to.

Can you identify this tree and name it?

The two pictures below will give you a hint.



The correct answer scores 15 points

Answer: _____

Control Point Code: _____

Control Point 4 – Foresters' Hut

This is where the Foresters, who work in the park, store their tools at night. Can you identify some of the most useful tools that the forester regularly uses below?

Each correct answer scores 5 points



Answer: _____



Answer: _____



Answer: _____

Control Point Code: _____

Control Point 5 – Habitat

A habitat is a place where a plant or animal lives, this is a woodland habitat. What plants and animals do you think live here? Some you will be able to see and some you will only be able to see traces of eg. footprints, droppings, fur etc..

Can you list three living things that live in this forest habitat? You will score five points for each answer, but remember that you might be asked what animal and plant traces you saw!



Example: Bat

Answer: _____

Answer: _____

Answer: _____

Control Point Code: _____

Control Point 6 – Squirrels and their food



Two different species of squirrel live in Ireland's woodlands; the native Red Squirrel and the larger Grey Squirrel introduced from America. Numbers of red squirrels are rapidly declining in Ireland as the larger and stronger grey squirrels steal their food and take over their habitats. Squirrels like to live in conifer forests as pine seeds (one of their primary foods) are available throughout the Winter and contrary to popular belief, squirrels do not hibernate.

Can you identify what is in this picture? And can you find one on the ground near this control?



Answer: _____

The correct answer scores 10 points, bonus of 5 for finding the object.

Control Point Code: _____

Control Point 7 – Inniscarra Lake

Inniscarra Lake is one of two lowland lakes created by the Electricity Supply Board (ESB) in 1956. At that time parts of the river valley west of Cork City were flooded to create reservoirs for electricity generation. This reservoir runs west from the Inniscarra Dam as far as the Carrigadrohid reservoir, at the village of Carrigadrohid. It spans an area of over 530 ha.

But what major river system is this lake a part of?

The correct answer scores 15 points

Answer: _____



Control Point Code: _____

Control Point 8 – The Carbon Cycle

Carbon atoms rotate in a cycle known as the carbon cycle. It has been functioning for millions of years and is vital for life on Earth. Because of the way we live, we now produce too much carbon, mainly from burning fossil fuels. This is jeopardising the delicate balance of our eco system. Trees absorb carbon so it's now more important than ever to protect our forests to maintain carbon absorption.

Here are two trees, one is very large and mature and grows very slowly. The other is small and growing very quickly. Which one absorbs more CO₂?



A



B

The correct answer scores 15 points

Control Point Code: _____

Control Point 9 – Leave No Trace

Leave No Trace is an outdoor programme designed to promote and inspire responsible recreation in the outdoors through education and awareness. You all know to put your rubbish in a bin, but sometimes people think it's ok to drop certain types of rubbish in the forest. Do you know how long it takes for the items pictured below to decompose? Match up the times with the items.



10-20
years



3-5
weeks



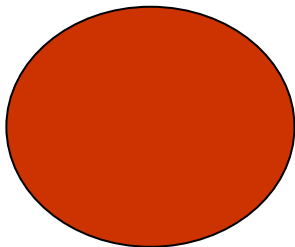
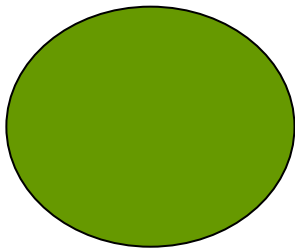
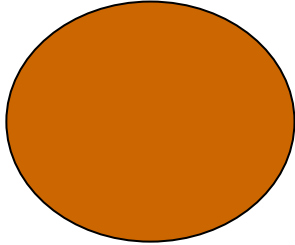
2-5
years

Each correct answer scores 5 points

Control Point Code: _____

Control Point 10 – Colours of Nature

Searching on the ground round you, for items that have already fallen, see if you can find one item in nature that matches each of the following colours.



Each item that correctly matches the colour scores 5 points.

Control Point Code: _____

Primary Answer Sheet

	Question			Control Codes	Total	
Q 1	Sound Map				9H8	<u>15</u>
Q 2	Deer Species	No	Yes	Yes	LOL	<u>15</u>
Q 3	Unusual Tree Species	Eucalyptus			N56	<u>15</u>
Q 4	Foresters' Hut	Chainsaw	Safety Helmet	Axe	43E	<u>15</u>
Q 5	Habitat				X65	<u>15</u>
Q 6	Squirrels	Pine Cone			N66	<u>15</u>
Q 7	Inniscarra Lake	Lee			T9T	<u>15</u>
Q 8	The Carbon Cycle	B			<u>A38</u>	<u>15</u>
Q 9	Leave no Trace	Banana = 3-5 w	Cigarette = 2-5 y	Bags = 10-20y	G56	<u>15</u>
Q 10	Colours of Nature				HL4	<u>15</u>
Total						<u>150</u>