

Primary

[insert school]

_____ 2019



Millport Field Centre

FSC Millport is situated on the Isle of Cumbrae in the Firth of Clyde, with a stunning coastal location with sweeping views over the isles and local marine environment. Just an 8 minute ferry ride from the seaside town of Largs, the centre is highly accessible with regular sailings through all seasons and direct rail and bus links with Glasgow. All field sites are accessible in under 10 minutes and most of them are within walking distance, making the centre the perfect location for field studies focussing on marine, terrestrial or freshwater environments.

The field centre at Millport is a historical marine research and education station, recognised internationally as providing first-class teaching and scientific provision to all ages in the field of marine science. Formerly the University Marine Biological Station Millport and before that, the base of the Scottish Marine Biological Association, the location and facilities providing at FSC Millport allow students to follow in the footsteps of pioneering researchers and naturalists.

FSC Millport hosts a huge array of facilities for scientific work including: 4 seawater fed laboratories, 2 classrooms, a 150 person lecture hall, scientific library, research unit, aquarium and museum, equipment / lab store, waterproof provision and its own research vessel; *RV Actinia*. All accommodation is en suite, sleeping up to 140 guests and the kitchen serves home-made, healthy meal choices.



BRINGING
ENVIRONMENTAL
UNDERSTANDING TO ALL

Number of Students:		Arrival time:	Monday <u>12pm</u>	Objectives: <ul style="list-style-type: none"> • Gain the Discovery level of the John Muir Award • Learn how animals and people survive on the Isle of Cumbrae • Develop teamwork and communication skills • Explore a range of natural environments
Number of School Staff:		Departure time:	Friday <u>12pm</u>	
Lead Tutor				

DAY	MORNING	AFTERNOON	EVENING
Mon 29th	ARRIVAL ~ midday	<ul style="list-style-type: none"> ▪ Viking Team Building 	<ul style="list-style-type: none"> ▪ What Wanders at Night
Tues 30th	<ul style="list-style-type: none"> ▪ Bushcraft 	<ul style="list-style-type: none"> ▪ Discover Cumbrae Walk 	<ul style="list-style-type: none"> ▪ Orienteering
Wed 1st	<ul style="list-style-type: none"> ▪ Rocky Shore Exploration 	<ul style="list-style-type: none"> ▪ Rock Climbing 	<ul style="list-style-type: none"> ▪ Aquarium and Museum
Thurs 2nd	<ul style="list-style-type: none"> ▪ Habitat Creation 	<ul style="list-style-type: none"> ▪ Rafting 	<ul style="list-style-type: none"> ▪ Class Debate Activity
Fri 3rd	<ul style="list-style-type: none"> ▪ Reviews and Sharing 	DEPART ~ midday	

Meal Times*	Additional Notes
Breakfast → 7:45-8:30am Packed Lunch Making → 7:45-8:30am Dinner → 6:00-7:00pm *these times could change closer to your trip	<ul style="list-style-type: none"> ▪ Additional sessions may be available, please enquire for more details

DAY	MORNING	AFTERNOON	EVENING
Monday	<p>Arrive ~ midday</p> <p>Welcome to the centre</p> <p>Introduction to course</p> <p>Allocation of waterproofs</p>	<p>Viking Team Building</p> <p>Can your team work together to complete Viking challenges such as escaping the sinking ship, taming the magic cane or crossing through the portal to Valhalla?</p> <p>Introduction to John Muir Award</p>	<p>What Wanders at Night</p> <p>Investigation into the nocturnal inhabitants of the woodlands surrounding the Centre including small mammals such as bank voles and wood mice.</p>
Tuesday	<p>Bushcraft</p> <p>We get our hands dirty trying out bushcraft challenges like fire lighting and shelter building. Along our walk we will stop and forage for things that would have been useful for survival in Viking times.</p>	<p>Discover Cumbrae Wildlife Walk</p> <p>A guided tour of the most scenic areas of Cumbrae looking out for birds, seals and dolphins. We will climb the hills for stunning views over the Firth of Clyde and learn about the area's history. We will finish up in Millport town for a chance to explore the museum and maybe even get an ice cream!</p>	<p>Orienteering</p> <p>Navigate your way around the grounds, learning about the past and present of the site (and tiring everyone out before a good night's sleep!)</p>
Wednesday	<p>Rocky Shore Exploration</p> <p>We will head down to the nearby rocky shore to explore the intertidal zone and learn about the amazing sea creatures that survive there. With our new appreciation of the rocky shore environment we will then complete a beach clean.</p>	<p>Rock Climbing</p> <p>Are you brave enough to make it to the top of the Devils Dyke? Using skill and determination groups will scale our on-site cliff, known to be hundreds of millions of years old. As well as climbing students will also get the chance to support their time by holding the ropes while they ascend.</p>	<p>Aquarium & Museum</p> <p>Meet the animals that live beneath the waves of the Clyde and complete the museum quiz!</p>
Thursday	<p>Conservation Construction</p> <p>Working together, students will build bird boxes, bat boxes or bug hotels. This is an active session where we will actively make a positive impact on the environment, working towards the Conserve component of the John Muir Award.</p>	<p>Rafting</p> <p>Using our newly developed team working skills we will design, construct and sail our very own raft! Can you master the challenges and complete the games without falling in?</p>	<p>Campfire</p> <p>A gathering to share our experiences of the week, with an opportunity to learn about the night sky. Play a game, sing a song and enjoy home-made popcorn!</p>
Friday	<p>Sharing</p> <p>Finishing our John Muir Diaries, we will share our experiences with the group through a variety of mediums and look through photos of the trip.</p>	<p>Review course</p> <p>Hand in equipment</p> <p>Depart ~ Midday</p>	<p><i>Please note: to ensure safe and quality learning experiences for students, the timetable may alter depending on weather conditions and local factors at centres.</i></p>

Further Information

- Please feel free to request further details on the content, learning objectives and outcomes for each topic we teach.
- The order of days and location of study sites may be varied due to the weather, and to avoid equipment/transport clashes.
- Students are requested to bring a packed lunchbox and water bottle. They may also find a camera useful.
- Students will undertake activities outdoors for extended periods of time and should therefore be dressed appropriately for the weather conditions. **They will need wellies, a waterproof jacket with hood and waterproof trousers.** If students don't own these items, they can borrow these from the centre upon arrival.

A "Typical Day" at Millport:

We make the most of your time whilst at the centre. A typical day would normally consist of a session starting at 9.15am, followed by a break for lunch before an afternoon session. In the afternoon, the students enjoy a break and then continue their session until around 5pm. The after dinner session lasts around one hour. These sessions can be adjusted slightly due to group needs and weather.

Transport

- The group will walk to all field sites, which are within walking distance (<20 mins)
- If transport is required, the lead Tutor will organize with visiting staff



Quality Tuition

The tutor delivering the content plays a vital role in ensuring successful learning outcomes are achieved.

This is why we have taken great care in developing a qualified team of highly trained and PGV checked field teachers working full time, all year round.

Not only are they experts, they are gifted teachers with a real passion for the subject being taught.

FSC field teachers are the reason why many schools return year after year.

Quality Badge awarded by



External Recognition of Quality

Our Centres have been awarded the Quality Badge by The Council for Learning Outside the Classroom. The badge is awarded to organisations that have demonstrated that they consistently deliver high quality teaching and learning experiences and manage risk effectively.

This means that you will have to complete less paperwork when visiting our centre.

Protecting Fieldwork Opportunities

Growing pressures on outdoor learning has led the FSC to take on an important role; championing the rights and opportunities for people of all ages to experience the environment at first hand.

The FSC has led in campaigns to reverse the continuing decline in fieldwork within secondary schools and to build opportunities for out-of-classroom learning. The FSC continues to work closely with the government and other partners to develop out-of-classroom learning.

As a registered charity, the FSC receives no statutory funding. It relies solely on fees charged for courses and membership. Therefore, by visiting an FSC Centre not only are you receiving a high quality educational experience for your students, you are also helping to protect fieldwork opportunities for everybody.