

STUDENT WorkSheet 3

PLANNING, MAPPING AND DESIGN

Suitable for
AGE 10+

AN CHOILL
BHEAG

Name: _____ Class: _____ Date: _____

Now that you have carried out a Soil Test and a Plant/Habitat Survey, it is time to create a simple plan for An Choill Bheag!

Steps to Take:

1. Make a plan – Where is the best potential space for An Choill Bheag to be planted?
2. Find north, south, east and west (*Orientation*)
3. From which direction does the wind come from most often? (*Prevailing wind*)
4. Measure and mark out the site (20m x 20m)
5. Draw a simple sketch of the area to be planted
6. Make a list of what is needed – (trees, tools, buckets, compost, bark mulch, cardboard, etc.)
7. Find out how much it will cost?
8. Order the trees
9. Schedule 2 days for planting

The Path of the Sun:

Find **NORTH** – **SOUTH** – **EAST** – **WEST**
in your school grounds



Why is this important to know the path of the sun and the prevailing wind?


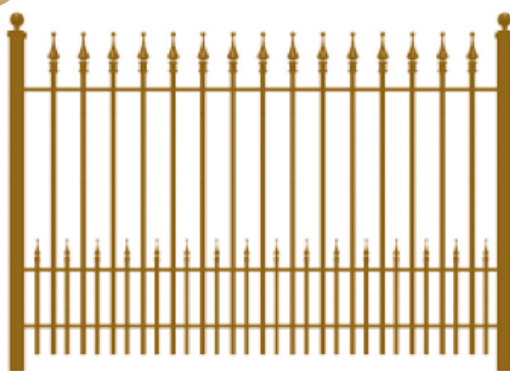

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How do we measure the space for An Choill Bheag?

| | |
|--|--|
| <p>1 Foots steps</p>  | <p>How many footsteps in 1 metre?</p> <hr/> <p>How many meters in total?</p> <hr/> <p>Total length in meters?</p> <hr/> |
| <p>2 Fence numbers</p>  | <p>Width of one fence in meters?</p> <hr/> <p>How many Fences?</p> <hr/> <p>Total length in meters?</p> <hr/> |
| <p>3 Measuring tape</p>  | <p>Total length of measuring tape?</p> <hr/> <p>Number of 20 meter lengths?</p> <hr/> <p>Total length in meters?</p> <hr/> |

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Draw a sketch of An Choill Bheag

A rough sketch will do. Make sure to show the compass points - where is south?
Where is the prevailing wind coming from?

Weather:

Rain

Sunny

Warm

Cold

Windy

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| CALCULATIONS Size, Cost and Number of Trees | Estimate | Actual |
|--|-----------------|---------------|
| Length of boundary in meters | | |
| Breadth of boundary in meters | | |
| Total number of plants needed (Remember that is one tree per metre) | | |
| Total cost of Trees (at approx. €2 per plant) | | |
| (The trees will be bare-rooted saplings. This means they will be 60-90cms in height and will not have soil around their roots) | | |

Notes and Observations:
