

The Castle Woods

Our PULCHRA project



Who are we?

We are Transition Year students that attend Drimnagh Castle Secondary School and we planted trees to create an outdoor classroom as part of our PULCHRA project.



What Problem does Our Project Solve?

Our project solves many issues in our area, for example:

Biodiversity loss: With planting native trees to the area, we are introducing species to the area and creating an ecosystem.

Urban regeneration: Since our school is located next to factories, introducing these trees will combat the effects that urbanisation brings to the environment.

Air quality: Being located in an industrial area, with these trees introduced, they'll take in CO_2 in the air and filter into cleaner air.



How did we plant our trees

1. We dug holes in the ground at a depth in which the roots of the trees could sit in. We also extracted large rocks and stones that would block the roots.
2. We placed the trees in the holes.
3. We then covered the roots in soil.
4. We placed cardboard and mulch around the area of the trees in order to stop competition between the trees and grass.



Trees we planted.

We used several types of trees for the outdoor classroom...

These trees are all native. This is important as native species contribute to biodiversity

- Alder.
- Birch.
- Cherry.
- Elder.
- Guelder Rose.
- Hawthorn.
- Hazel.
- Holly.
- Oak.
- Rowan.
- Spindel.
- Dog rose.



An Choill Bheag.

An Choill beag is a long-term education program set up by LEAF Ireland. It's a small and biodiverse woodland habitat on the school grounds which acts as outdoor classrooms for students to spend time learning outside.



What we learned.

Working on this project,we learned...

- Trees needs certain conditions to grow ex.soil moisture and pH level,why we needed to use the mulch etc.
- The issues that planting trees could work towards solving.
- The importance of trees in our environment.
- The benefits to the trees being planted in our area in the school.



What's Next?

In our remaining time in transition year we will water the trees on dry days however We plan for the trees to be taken care of by the next transition years.





The End.

Thank you for listening to our presentation.