



Copleston Cosmos- Copleston High & Notcutt Nurseries 18/11/16



Meet The Team



Ethan Hilton- age 13 - Project Manager
and Radio Presenter!

- Over see all project areas / motivate the team



Connor Clarke age 13 - Head of Research
To research ideas for garden



Robyn Burgess -age 14 Wildlife and Plants

- Role researching plants to fit the theme and encourage wildlife
- Research wildlife habitats for garden
- Design planting areas



Jacob Henry -age 14 Art & Design

Responsible for 2D Design and leading with 3D design
Using drawing skills



Rob Canham
Age....unknown
Notcutt Nurseries



Cindy Newey
Age ...Not Telling
Garden Project Worker



Charlotte Incoll
Age.....I forget
Classroom Teaching Assistant

Our Project

We chose this space in our school grounds as it really does need improving.

4 years ago the school won £20,000 funding to make the platform area where we can sit and eat lunch out of the rain.

The platform is great but everyone walks across the grass from it to the snack shack so the grass does not grow. This area gets muddy in the winter and dusty in the summer.

We wanted to make this a great space to sit and chill at break and lunch and even use as an outdoor learning area!

Planning & Research

Planning

First we investigated the space. We wanted to know what sun the area got, where the sun would come up from and the type of soil we had. We analysed the soil and took PH levels.

We talked in our group how we wanted this space to look and work.

To help we took photos and made a rough drawing of the area.



How our team researched And our Roles

We carried out most of our research on the internet.

We looked at school gardens and community gardens. We watched some short clips on how to design a garden.

We looked at our memorial garden and its design and plants.

Ethan seemed to be a good leader and communicator

Connor liked looking things up on the internet

Robyn Loved the plants at Notcutts Woodbridge and learning about wildlife

Jacob is good at drawing and is creative



Developing The Design

On week one we all found pictures of garden things we liked on the internet this helped us to find out what each other liked.

We found it difficult to put everyone's ideas together in a way that the design did not look muddled.

We thought if we had a theme we could focus our ideas.

Ethan found it easy to see a design out of all the ideas we liked so he drew the design plan.

The final design was made up of purples , blues , whites and lemons nice cool calm and relaxing colours.

We had a nautical-beach theme so students could feel they are getting away from it all to re-charge their batteries.



As we went along we risk assessed our design. We watched a short video on how to risk assess in order to make sure our design was safe.

We changed our boat water feature to have a large alpine rockery so students would not fall in , push others in or play with the water. Researched showed us you only need a few inches of water to drown so we needed to make this safe.

The pathway we first chose loose stones to look like a beach. This would be a bad idea because students would kick them and maybe throw some. We found a company who did resin stone paths and drives which look like a beach.

Evaluation

If we did the design project again we would like to have more time. It was hard to fit everything in to 10 weeks

It would be good to have more time to go on more trips to see lots of different types of garden and learn more about the plants.

We would allocate roles sooner than we did.

Students liked the plan and model and agree it would suit the space and provide students with a relaxing place to have lunch.

Teachers have said this would make a great space to hold a lesson.

Recommendations

We believe this is a great design for the area.
It has a relaxing 'get away from it all' feel
The colours are cooling and soothing .
It has plants like lavender that are calming

Student will feel relaxed and re-charged
Students who suffer from Anxiety and stress disorders will have a
place to be calm

Teachers can sit and mark outside at the end of a stressful day

The area will attract wildlife

We will use recycled items.

Mud will no longer be in the corridors the cleaners will be happy.

EVERYONE WILL BENEFIT!



Personal Statements

Ethan Hilton – Project Manager

Since I have been a part of the RHS Green Plan It Challenge to create a design for the school, it has made me realise how much enjoyment I get from working in a garden environment.

This had lead me to join the afterschool gardening club attending both Monday and Wednesday . It has helped me to realise where my future career lies. The highlights of the project for me so far has been; featuring on local radio talking about the challenge along with working with Rob our mentor and the visit to Notcutt Nursery where he works. We got to find out about lots of different plants suitable for our school site growing conditions.

I am hoping to do my work experience next year with Rob at Notcutt Nurseries.

Robyn Burgess – Plants and Wildlife

I really enjoyed visiting Easton and Otley College and particularly liked seeing the different garden designs and different planting styles.

When we visited Notcutt Nurseries I learnt how different plants like certain conditions to grow. Some like shade, some like full sun and others like dry or boggy/wet conditions.

I found out plants also have a Latin name and a common name.

We also learnt how some plants are really good for wildlife and I liked the idea of having these in our garden.

My team were happy for me to research plants that would encourage butterflies, bees and other insects into our garden.

Connor Clark– Researcher

I have enjoyed this challenge because we got to meet Rob our mentor and visit his work place , Notcutts Garden Centre in Woodbridge.

I have loved researching about all the plants and what plants would be suitable for attracting wildlife. I learnt that soil has a ph level by soil testing with Rob. Plants like a PH level of 7 which is neutral. The school in our area is 8 which is slightly alkaline but this is ok.

I have not always found it easy working in a team as sometimes we disagree but I have learnt to be patient and focus on my job.

I have enjoyed learning about plants and gardens and have helped the school garden club because of this challenge. One day I will design my own garden using knowledge I have learnt.

Jacob Hendry – Art and Design

I have enjoyed the project because it is very creative. I enjoy art and drawing and have been able to use this.

The 3D model has been a challenge and not as easy as we thought but it has been good talking in a team and working out ideas and solving problems.

Learning about landscaping and plants has been interesting. Some plants are sensory because they please our sensors through smell taste and touch. Plants help to soften hard landscaping and bring life to the solid structures.

I like that you can hand draw or use IT to design. I want to design games in the future and some things I have learnt on the challenge will help me to create the landscape in the computer games .



<http://www.bbc.co.uk/programmes/p04dv5yw>

2 hours 9 mins into programme

References

RHS –PLANTS

RSPB wildlife plants

Google search

Pin Interest

Week one	Lesson Objective	Additional notes
<p>Choose Team names and choose development site. Research other school and community gardens for inspiration.</p>	<p>To determine which sites in school could be developed. Which site would benefit the whole school if developed? Why it needs developing Start to get an idea of what you would like to see in your design.</p>	
<p>Week Two Meet with Rob, Show Rob the site we have chosen to develop and explain why. Carry out soil tests with Rob with kits donated from Notcutt Nursery.</p> <p>Visit Rob at Notcutt Nursery. Have a tour of different planting areas around the site. Look at the different types of plants and how they are grouped in the nursery to make it easier for customers to find. 2 activities- collect shade loving plants – collect plants for wildlife.</p>	<p>To gather information on growing conditions of the site. To test soil PH levels to see what plants would grow on the site according to PH levels . To determine soil quality To see where the sun falls on the site</p> <p>To understand planting schemes , to understand groups of plants , shade loving (woodland) tolerate dry conditions, alpine plant and plants that attract nature.</p>	<p>Work with Rob</p> <p>Visit Rob at Notcutt Woodbridge</p>

<p>Week Three</p> <p>Using all data collected about the site, ideas found on the web and inspiration from visit to Notcutt Nurseries start to compile a detailed plan. Print of any photos or ideas to start to add to a mood board which can be used as a reference for 3D model</p>	<p>To understand the needs of the target audience in order to incorporate in the design.</p> <p>Will the design respond to a mood, a theme or a particular colour scheme?</p>	<p>During lunch and break talk to people about what they would like to see happen to the site and what features they would like to see.</p>
<p>Week four</p> <p>Risk assess your design Is there anything that could be dangerous or harmful. Adjust your design accordingly.</p> <p>Draw a simple sketch on 2D Design</p>	<p>To ensure design is safe for safe for all to use.</p> <p>Use Simple 2D design to draw a second sketch</p>	<p>Rob Visit</p>
<p>Week Five Continue to work on mood board so you have a good reference and understanding for your 3D Model</p>	<p>To ensure students understand design, how it will work if the layout is correct, the design is safe and will meet users' needs.</p>	<p>Start collecting feedback of design so far from students and staff.</p>
<p>Week Six</p> <p>Students to start planning model and</p>		<p>Students to write personal statements as homework or see Staff at lunchtime</p>

<p>Week Seven Students to build 3d model</p>	<p>Students to replicate 2D design...does the design still work? Do you need to change anything ?</p>	<p>Visit from Alison</p>
<p>Week Eight Half to carry on with model and others to start on report with a member of staff</p>	<p>To continue work on the model To put together a draft report</p>	
<p>Week Nine To complete mood board, complete 3D Design and final report. Rob to work on finalising the planting</p>	<p>To complete mood board, complete 3D Design and final report. Rob to work on finalising the planting</p>	<p>Work with Rob on finalising planting</p>
<p>To sell your idea to industry experts!</p>	<p>To sell your idea to industry experts! Understand your design Understand your role Present in a clear creative way</p>	



