

Queen Elizabeth School Eco Sustainability proposal

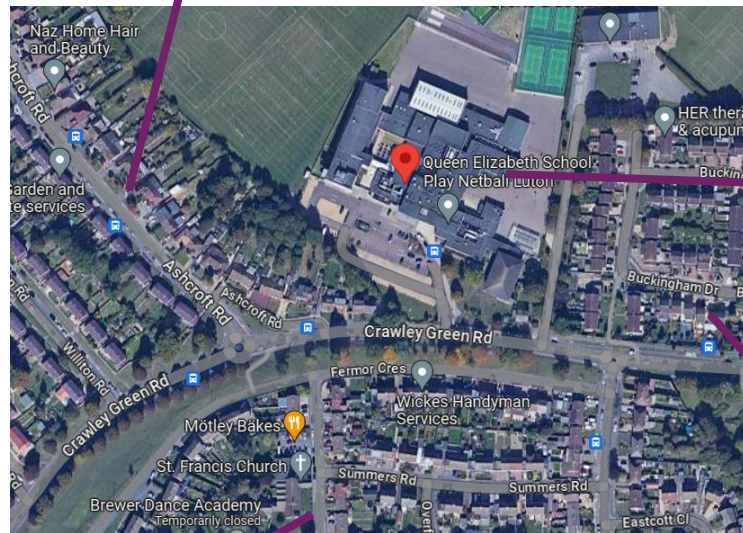
Rewilding our environment.



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Our local environment.

Lots of roads and traffic.

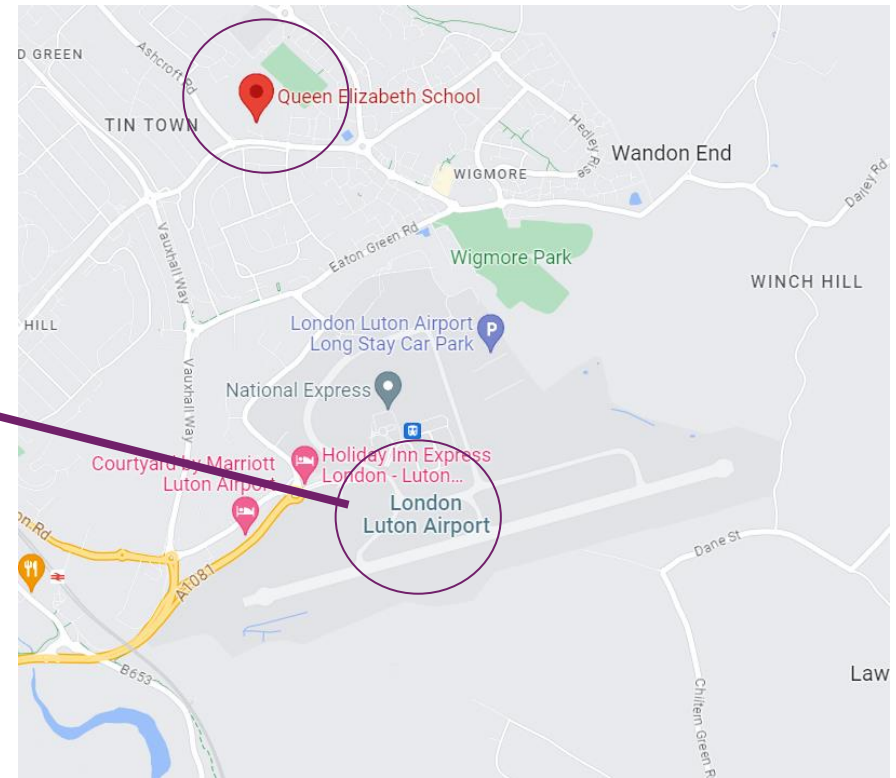


Close Proximity to the airport.

An area of development with lots new building..

A built up area.

Approx. 2 miles from us



A study performed by the University of Birmingham and the University of Lancashire found that Luton had the worst air quality and pollution in the UK (Uni Birmingham and Uni of Lancashire, 2020)

We want to return a small patch of our town to the way nature intended.

Rewild a section of our school site. This will:

- a. Improve the biodiversity of the area.
- b. Create a calming and natural space
- c. Helping this area reclaim itself and not be controlled by people



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Rewilding

- Is about reverting nature to self dependence.

Letting nature to take care of itself

- mother nature

We plan to do this with:

- wildflowers
- bug hotels
- increasing our bee population.



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Making our garden

Rewilding a small patch of land may seem complicated but there are a few steps:

- work with what you have
- stop harm
- bees,birds,bugs and flowers
- reduce,reuse,recycle



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Benefits of wildflowers

- An ideal choice for conservationists who aim to enhance biodiversity by providing essential nectar and pollen sources for pollinators.
- A low-maintenance option for areas with steep maintenance costs or difficult grass-growing conditions
- Supports soil health by preventing erosion through deep root systems that bind soil, lessening the amount of sediment in surrounding waterways.



- an aesthetically pleasing option for various outdoor spaces, offering a striking display of colors, textures, and fragrances.
- Supports wildlife and promotes a diverse and vibrant outdoor environment by creating habitats and providing food sources, resulting in healthy ecosystems.
- Contributes to water conservation by reducing water consumption and costs through its drought-tolerant nature, requiring less water than traditional lawns.
- Cost-effective in the long run due to requiring less maintenance than traditional landscapes, and can be utilized in various settings, reducing the need for expensive upkeep.



British Wildflowers

Annual wildflower

Live for 1 year and have to be replanted after winter. They grow very quickly

Some examples are:

- Corncockle
- Cornflower
- Evening primrose
- Wild carrot
- Corn chamomile

All these are full sun flowers and require well drained soil



Perennial wildflower

Live for 2 year or more years and regrow each spring

Some examples are:

- Betony
- Common mallow
- Dropwort
- Foxglove
- Musk mallow

All these are full sun flowers and require well drained soil

Bees (Our heroes and saviours)

- First of, without them, you can say 'bye bye!' to a many of your favourite foods!
- Bees pollinate not only our food but also trees and flowers, which provide homes for the other wildlife we love and depend on.
- We would like to include bees in our garden as they are a crucial part of re-pollinating our wildflowers!

How will we get bees? Well...

- Bee friendly plants such as..
- Making a bee house!



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Bug Hotels

- Bug hotels would be a great thing to add for the insects and wildlife in the area.
- It can also be done sustainably by using old pallets from school deliveries as well as waste products from Design Technology and Construction.
- By introducing this more bugs will enter our garden making it more biodiverse and more natural.



Impact on the school and Environment

School

- Wildlife into our school and encourage more plant growth and natural areas in the school.
- This can also be used to calm students down in any situation.
- This can encourage students to spend more time outdoors in nature .
- This could also improve their attention span as they spend more time outside.

Environment

- By using the garden to rewild it can help boost our environment.
- This helps by restoring ecosystems, and become more biodiverse.
- It is also a way for natural processes reclaim and not be controlled by people.



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Impact on the school and Environment

Recently at school we lost a valued and trusted member of our school community at a tragically young age and we would like to use this space as a tribute and remembrance of her. We would like to do this by incorporating ideas from her friends by planting a cherry blossom tree in the garden as well as a bench with a commemorative plaque.

As we have students in our school that suffer from anxiety and depression that are also in grow therapy this could help them get some fresh air and subdue some of the thoughts that they are having in the moment they could come outside sit on the benches and just breathe and think.



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Conclusion

In conclusion our idea of building this garden would really benefit our town and school.

This would be in great for our communities mental health, physical health and for the environment. It would help greatly reduce air pollution. This idea will be lovely to carry out as it would bring more nature in our school.

Thank you for listening to our presentation on how we are trying to contribute to our health and town.



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