

# Our DT Learning Journey

Key vocabulary:

Greenhouse, Transparent,  
Growing, Plants, Glass,  
Sturdy, Structure

To understand what  
a greenhouse is and  
its use.

To design the  
structure of a  
greenhouse thinking  
of its purpose.

To research and  
understand the structure of  
greenhouses.

To explore materials,  
tools and techniques  
needed for making a  
structure?

To make the  
greenhouse making  
adaptations to your  
structure

To evaluate  
work

WB: Monday 13<sup>th</sup> May 2024



*LQ: Can I make greenhouse adaptations to your structure?*

*Steps to success*

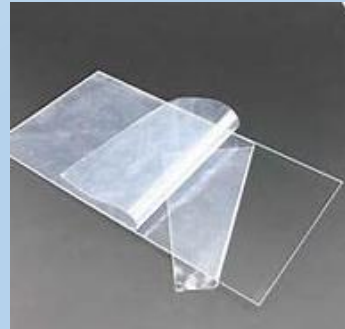


*All: I can make a simple structure*

*Most: I can make a model greenhouse and make some simple changes to make it more sturdy.*

*Some : I can make a model greenhouse and make some simple changes to make it more sturdy and explain the changes.*

# STAR WORDS



Transparent



Tools



Explore



Materials



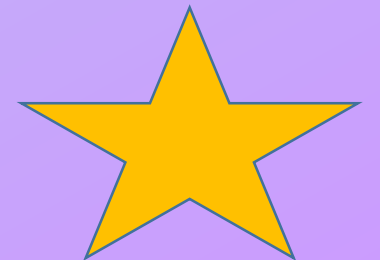
fix



try

join

Strong  
Sturdy



LQ: Can I make greenhouse adaptations to your structure?

Recap learning

*TPs. How did we make our greenhouses last week?*

*What material did we use?*

*What tools did we use?*

*How did you join the materials together?*





LQ: Can I make greenhouse adaptations to your structure?

Cardboard is/ is not the most suitable material because....

Last week we made our greenhouse using cardboard boxes.

TPs. Do you think cardboard was the most suitable material?

Explain your answer.

TPs. Do you think your greenhouse was sturdy to hold up the plants?

TPs. Do you think your greenhouses are suitable for plants?

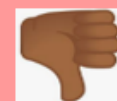
Explain your answer.

LQ: Can I make greenhouse adaptations to your structure?

Remember greenhouses are meant to be transparent so the sunlight can get through and help the plant to grow. We also need to make sure that the plants can fit into the greenhouse and that the structure of your greenhouse is sturdy. If your plants cannot fit into your greenhouse, they will not grow properly and maybe ruined. The plants need to be protected.

Self Assessment

Do you understand why it is important that the greenhouse is sturdy?



LQ: Can I make greenhouse adaptations to your structure?

The materials and tools we will be using are:

Cardboard



Masking tape



Lolly sticks



Split pins



Art straws



Glue gun



Plastic containers



Whole punch



## Task

*Choose your material and make your greenhouse. This time, think about the structure of your greenhouse, think about the materials you are going to use to make your greenhouses strong. Think about how you are going to join the structure together.*

<https://www.youtube.com/watch?v=AxQfWj4lxVE>

<https://www.youtube.com/watch?v=1PAskxfDbow>

*Self Assessment*

*Do you understand what to do?*

