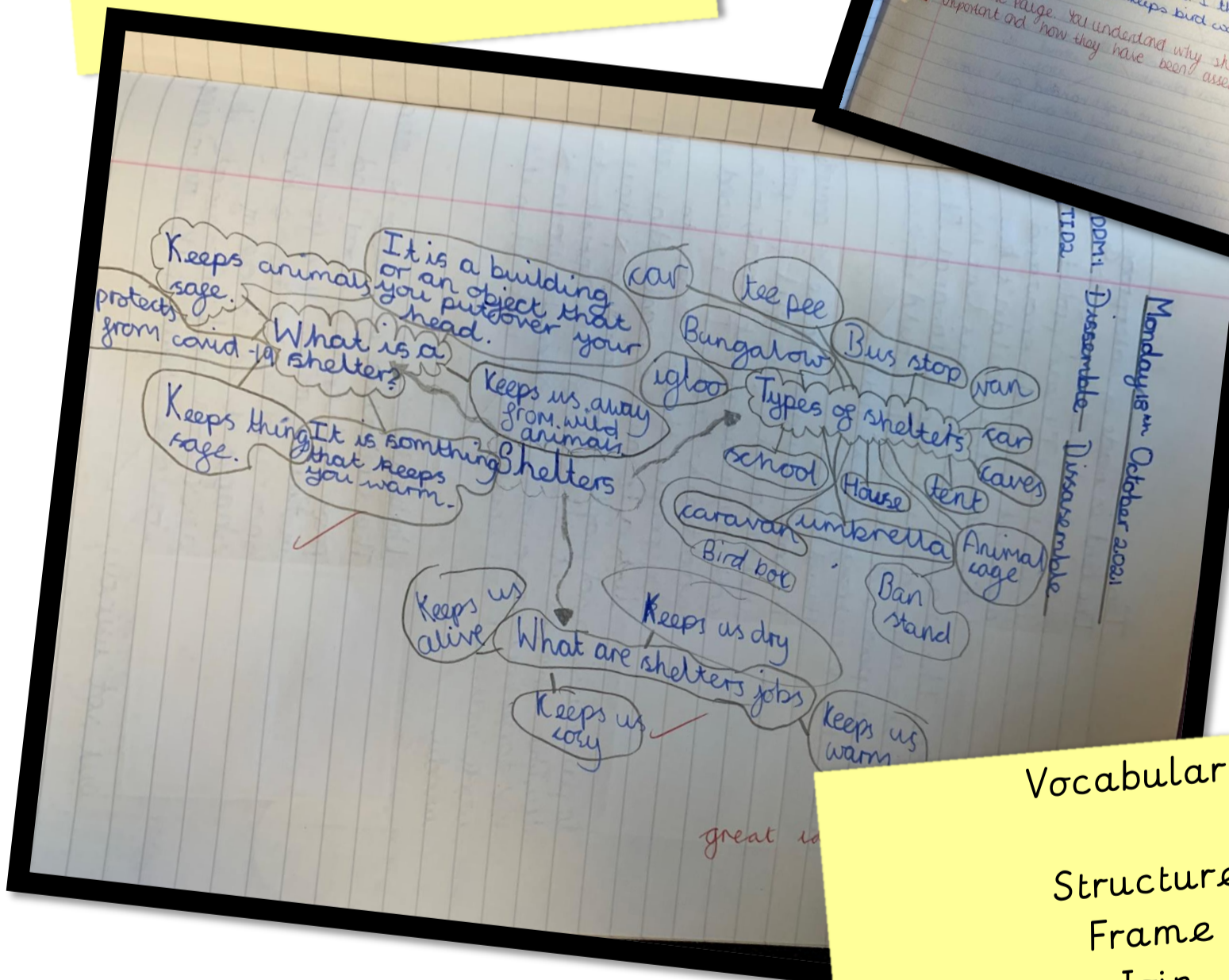
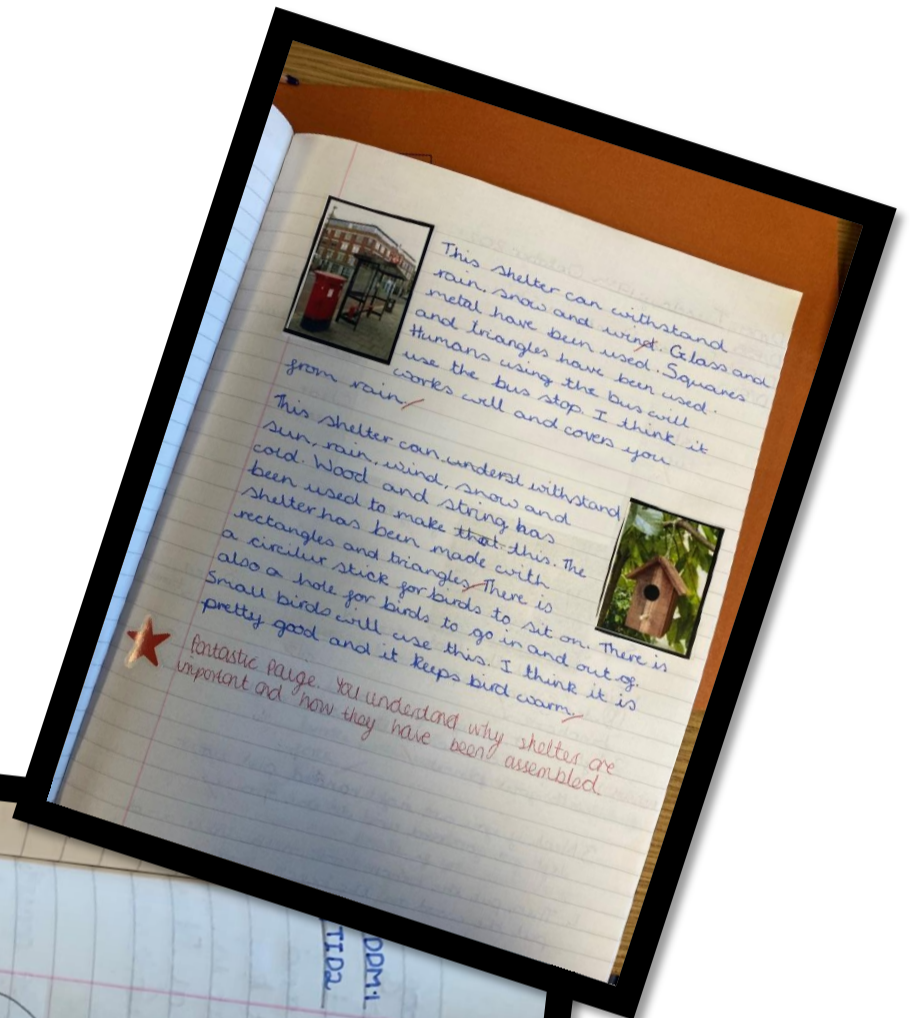


# BLACKROD PRIMARY SCHOOL

## Project Reflection – Autumn 1

### Design Technology – Joining Materials

We looked at real shelters in preparation for our new project. We thought carefully about what shelters do, what they are made of and who might use them.



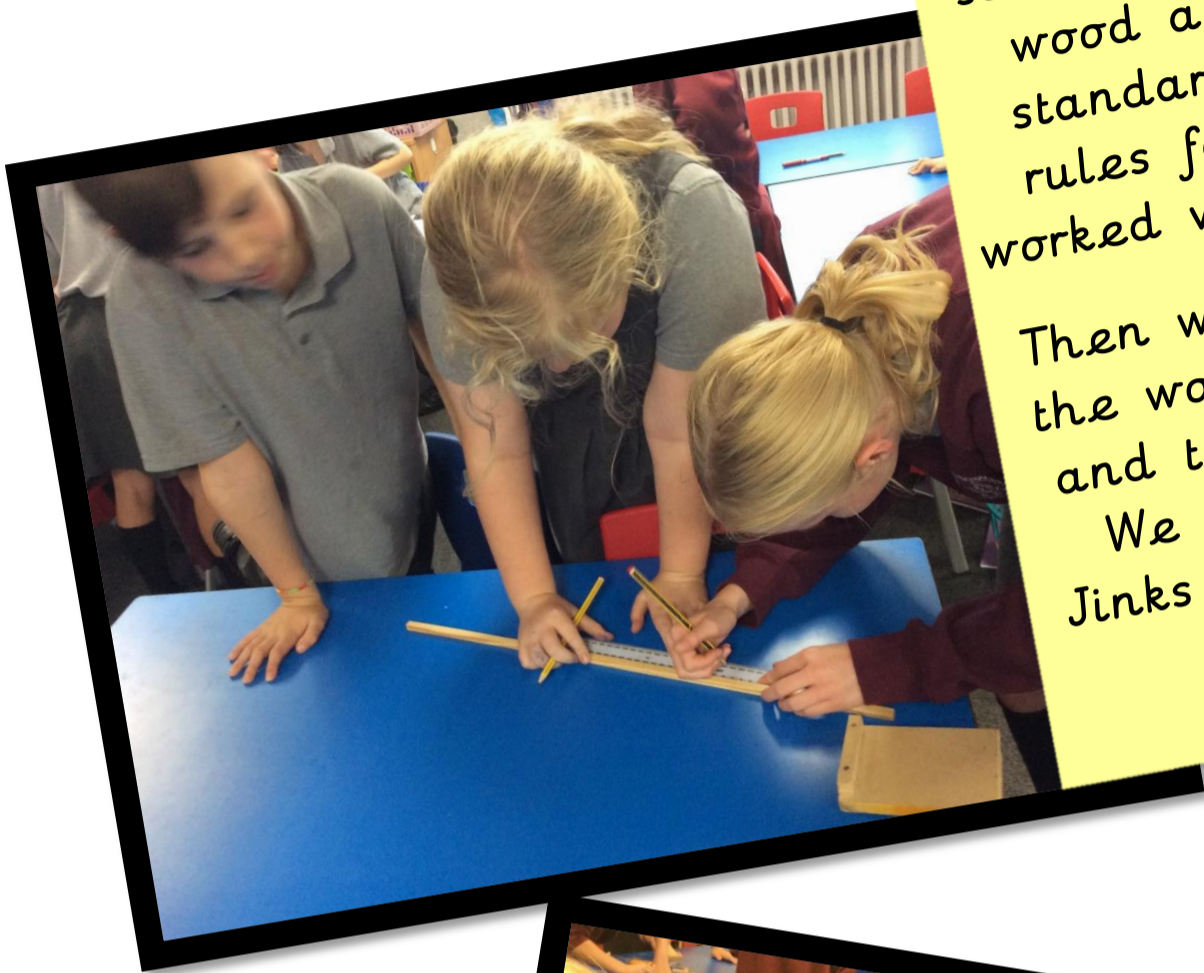
#### Vocabulary

Structure  
Frame  
Join  
Finish  
Cut  
Technique  
Jinks triangles

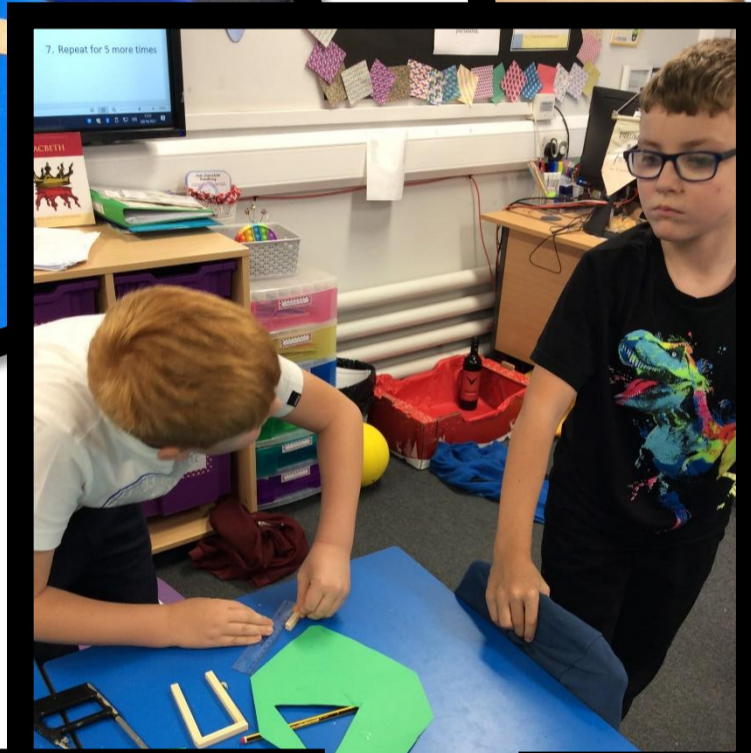
# BLACKROD PRIMARY SCHOOL

Next we had to learn the skills to make our shelters. We used saws and glass paper to cut the wood and finish it to a high standard. We learned safety rules for using the tools. We worked very carefully and safely.

Then we evaluated ways to join the woods together - glue sticks and te glue gun were no good! We realised that we needed Jinks triangles to strengthen the join.



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After that, we set to work using the tools to make our shelters in groups. We applied everything we had learned and made sure we worked safely in our groups to use the tools effectively to join the materials.



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Finally we evaluated our shelter and our skills.

What went well?

It was sturdy because we stuck jink triangles on the corners so it will be steady. The roof was sturdy because it didn't fall apart when we touched. In my opinion the porch worked out the best.

What struggles did you find?

We didn't measure the top (not the roof) so it wasn't in line which the bottom pieces of wood.

What would you improve?

I would improve the roof because it was slanted and wonky. I would also cut the jink triangles straighter because they weren't straight.

Have you had to modify?

We modified the house because we added 6 windows and one door and a porch at the front. We also added a pathway and poles at the side at the door.

A fantastic evaluation George. You have worked really hard.



What went well?

The design that I did went well because it was steady and stable. We made jink triangles and stuck them to the corners of our structure. The roof went well and we stuck them together with the cold glue gun.

What would you improve?

I would improve the jink triangles, because some of them are wonky, and different sizes. I would also improve the roof because it is slanted and some of the wood sticks weren't measured right. I would also have improved how we cut the wood, because we had to cut straight so the wood would be straight.

What struggles did you find?

I found cutting with the saw was a bit of a struggle because it got really stiff.

# BLACKROD PRIMARY SCHOOL

What struggles did you find?

I found that the roof was hard as it is tricky to get the measurements right so we struggled there. We also struggled with jibs triangles as ours weren't right angles. Also, the squares weren't the same size.

Have you had to modify your design?

I had to modify my design because we didn't have time for a big porch or fence. The windows couldn't be the same as on my design either as we couldn't do curves.

A fantastic evaluation Isla. You have worked really hard to create a structure.

Study  
angles  
&  
jibs



What went well?

What went well was that our structure was sturdy and our porch was good looking. Our jibs triangles stayed sturdy. Our roof stayed up and so did our windows and door, that look convincing.

What would you improve?

I would improve the jibs triangles because some of them didn't work properly as they were not right angles. The roof also went wrong but it looks better than I would have expected. The windows are wonky, which is also something I had more time, I would add more of a porch and more windows so it looks better.

Reflections - home learning links

[www.bbc.co.uk/bitesize/topics/z8jwxnb](http://www.bbc.co.uk/bitesize/topics/z8jwxnb)

[www.youtube.com/watch?v=sPhuwXBIZLM](http://www.youtube.com/watch?v=sPhuwXBIZLM)