



June - Dec
2022

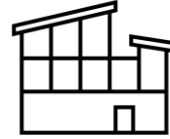
Open City Architecture in Schools

St Mary & St Michael
Catholic Primary School
Year 5 with **BDP**.

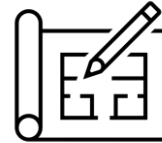
Timeline



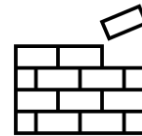
Partnership Day – June 23



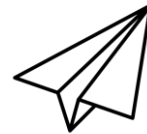
Site Visit – October 5



Drawing Workshop – October 18



Model-making Workshop – November 15



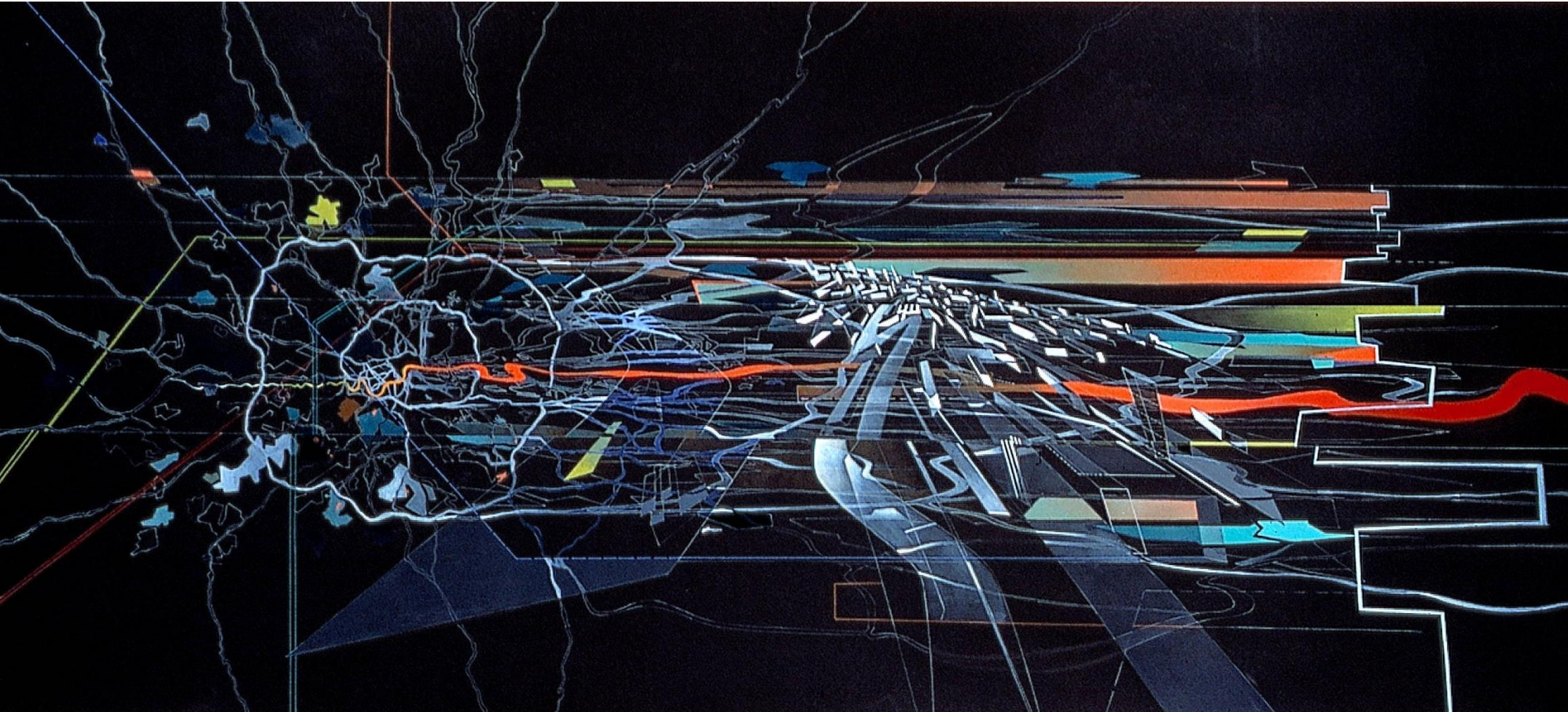
Submission – November 23



Celebration – December 1

The Brief: Reimagining London

Taking inspiration from Zaha Hadid's *London 2066*, we wanted the children to imagine what London could look like in 60 years' time...



We asked the students what they would like to see in the future of their city, especially around their school neighbourhood.

Could those spaces be:

Safe

Creative

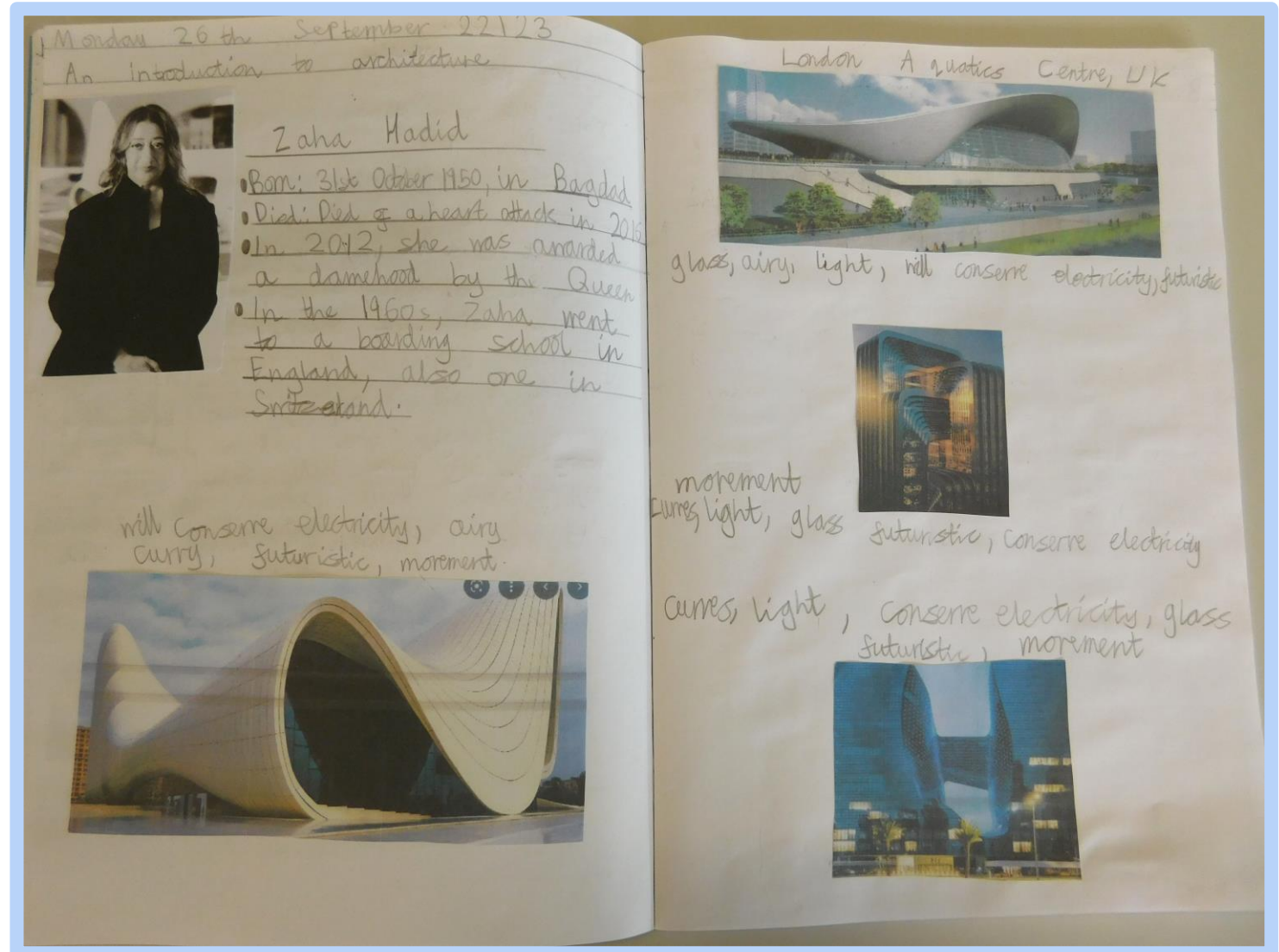
Fun

Sustainable

Accessible

Learning about Zaha Hadid

After the partnership day at the Zaha Hadid Foundation, Ms Wilson and Mr Green introduced Zaha Hadid to their classes. They read and researched her life and work, making notes about her fun, futuristic buildings and approach to design.



Monday 26th September

An introduction to Architecture.

Zaha Hadid



Born on the 31st October
1950 in Baghdad in
Iraq. Died of a heart
attack in 2016.



It's super modern and clean. I
like how it's sunny, and how it
curves. It's super cool, I've never seen
anything like it.



This looks like it has curves and glass.
It's super futuristic and the movement



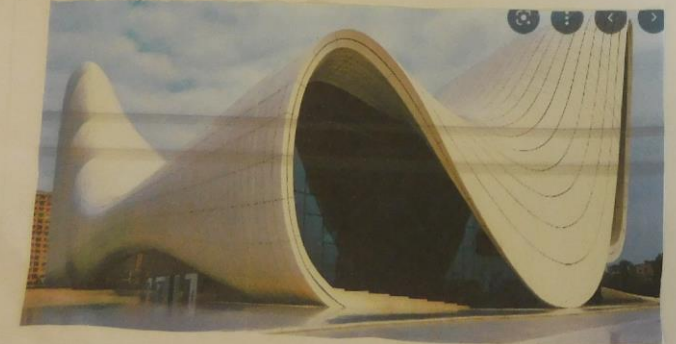
15.7.22 Monday 26th September

An introduction to architecture.



Zaha Hadid
31st October 1950 Baghdad
died of heart attack 2016

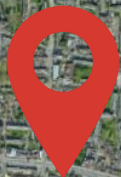
In 2002 she was awarded an OBE by the Queen.
Her father was a businessman who became involved in
politics and her mother was an artist.
This building has lots of curves
and looks very futuristic, it also
looks like it gets lots of light.



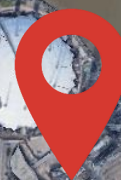


Site Visit to The Design District

October 5, 2022



St Mary and St
Michael Catholic
Primary School



Design District

Meeting the mentors



Michaela Li



Jake Watkins



5W



5G

The children took the Overground and Jubilee lines from their school in Shadwell to the Design District in Greenwich.

We met Alex, the sales manager at the Design District, who gave us a tour around the buildings.



Interacting with the material map

The children observed that the buildings were all different colours and materials.

Some were made from shiny metal, while others were made from corten steel, which changes colour and texture when exposed to wind and rain.



As well as the Design District, we also walked around the surrounding area, interacting with different spaces along the way, including this super long picnic table that had space for all 60 students!

We stopped off to sketch the cable cars, nearby buildings and structures.





These concrete chairs were surprisingly comfortable!



The students really liked the yellow bubble canteen building... and of course, the rooftop basketball court!



The Design District was a great introduction for the children to 'Reimagine London' because it is made up of unique buildings, with flexible uses. It is fun, interactive, adaptable and accessible.

“Design District!”

Press play!



Reflecting on the Design District

Wednesday 5th October
H.T. Design District Trip

~~Most of the buildings we visited~~ Today Sw ~~what~~ went to Design District at the O2 and I saw that most of the buildings had lots of glass windows. I saw some buildings made of wood on the outside and on the inside ~~was~~ were metal bars. In some particular buildings, they were made of metal and felt some felt bumpy or so smooth. I enjoyed when we got to see different kind of buildings and feeling the different textures of these amazing pieces of work.

Wednesday 5th October
H.T. Design District Trip.

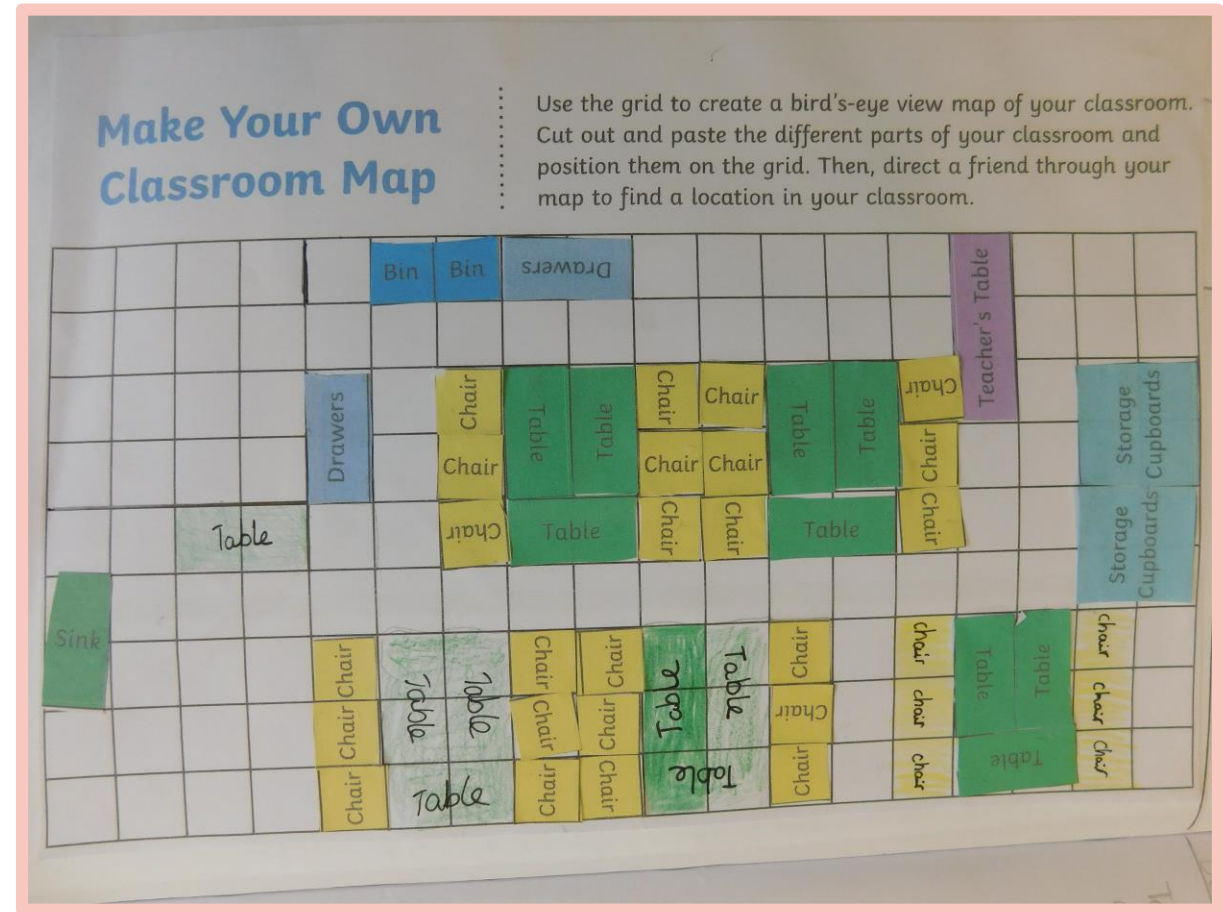
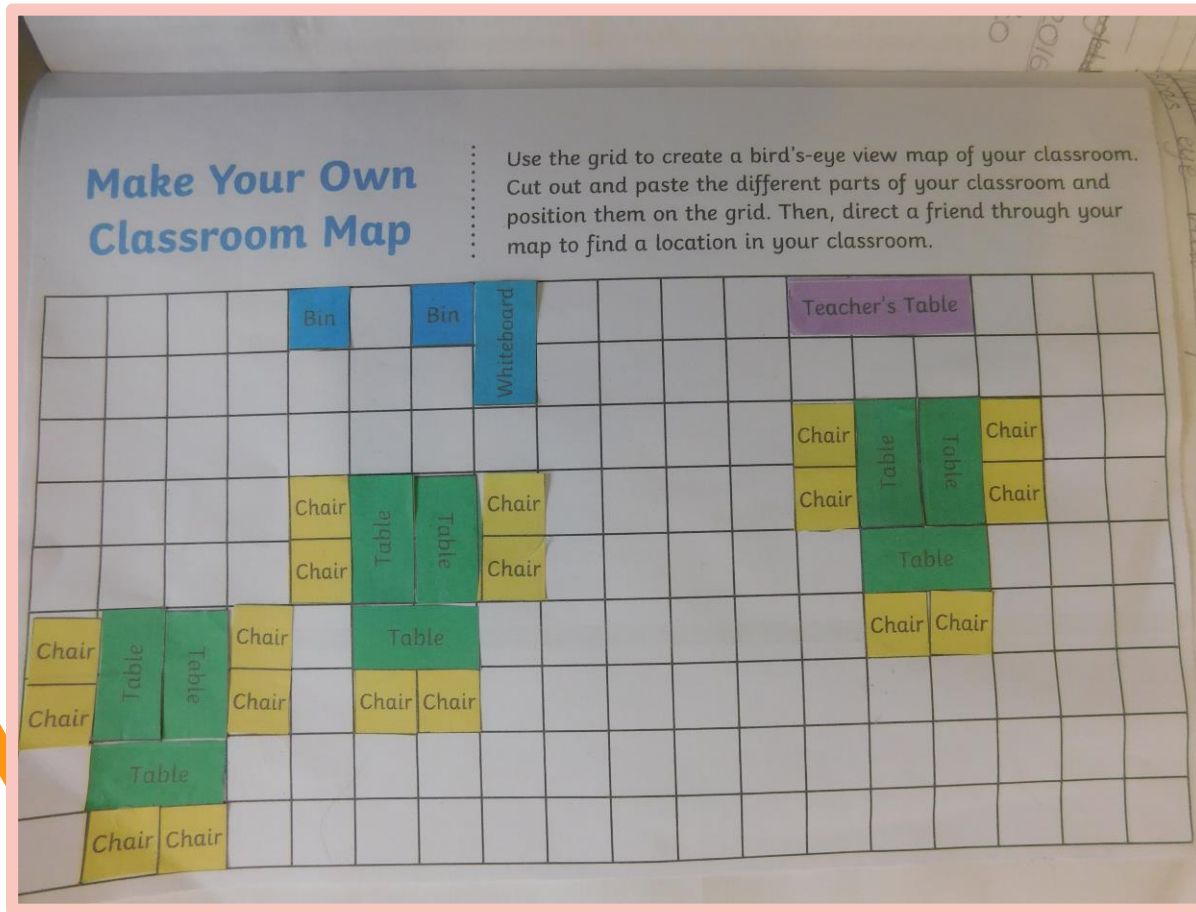
~~I to~~ Today I went to the O2 with my ~~class (Design District)~~ class (design District) There were buildings made of rock, metal, ^{wood} and concrete, there was a few Architecture's there. ~~was~~ There was a beautiful, walkway that we crossed. We also saw a few cable cars ~~at~~ above us, that some of us drew. We went up to the Basketball court and had alot of fun. I really enjoyed it and liked the buildings ~~at~~ ALOT.

Reflecting on the Design District

Wednesday 5th October
Design District Trip
I had seen tall, textured buildings and felt different kind of materials that felt just like the real buildings. Year 5 ~~explo~~ learned that architectures are harder to make as they normally look. My favorite thing was we were like on a bridge and looked at the things nearby. The architects were really nice, one was named Alex and there was another boy and girl but I have forgot their names but they were nice as well. The basketball court was the funnest because it had so much space to ~~like~~ play like play tag or something like else.

Today SW went to the design district to learn and experience about the structures and designs of different buildings. When we arrived we were showed around some buildings. The first few buildings we saw were very modern with lots of glass and metal. The buildings had a smooth texture and some buildings had a rough wavy texture. They felt like one was made of glass or plastic the other one felt like it was made out of zinc. Some people told us that 8 architects made 16 buildings and put them into 4 groups of quarters. We walked on a curving walkway that had black and white triangular patterns. It had glass barriers and steel poles. We climbed up a tall wire building that had only been made out of wires and poles. We climbed up it and when we reached the top there was a massive basketball pitch with hoops. I really enjoyed looking at the different buildings because it inspired me with designs.

Plans, Sections and Elevations



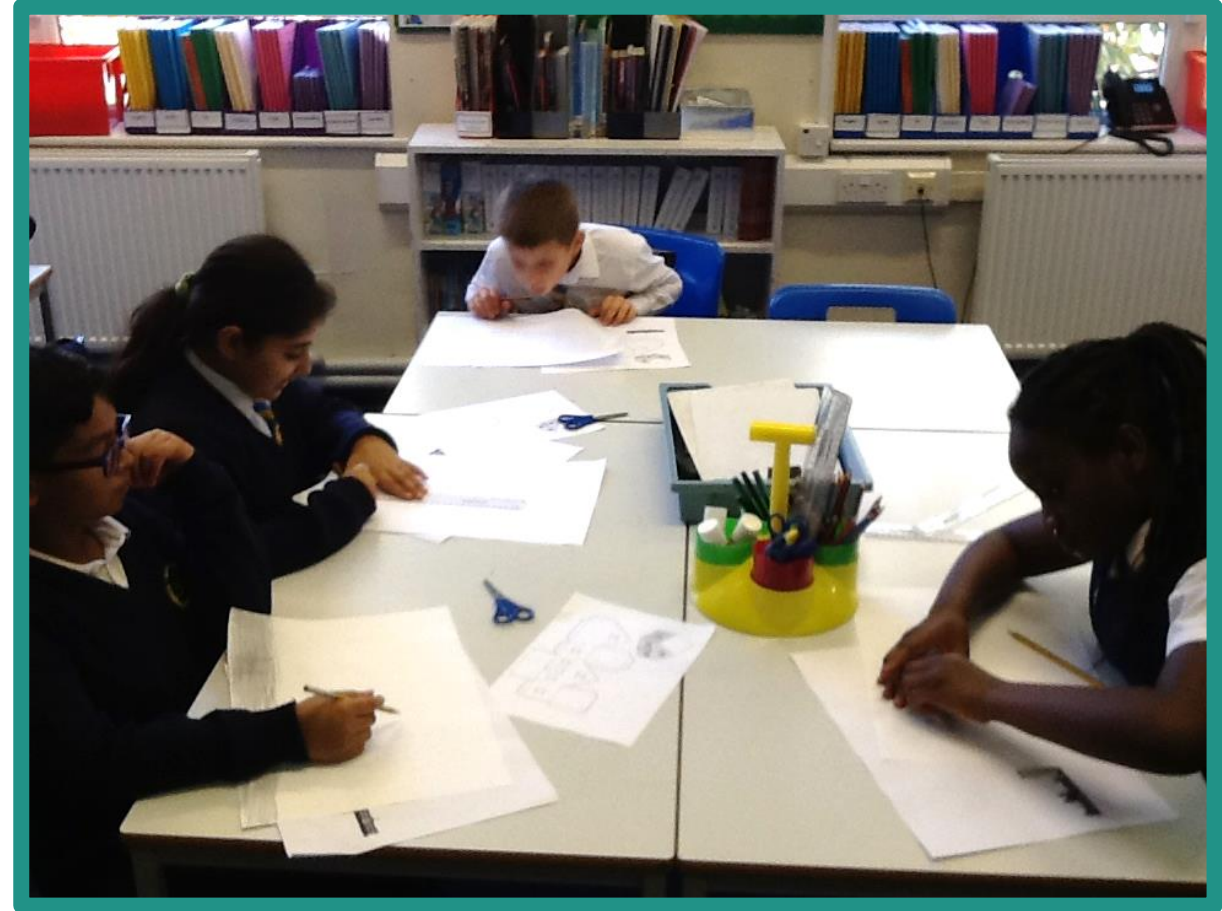
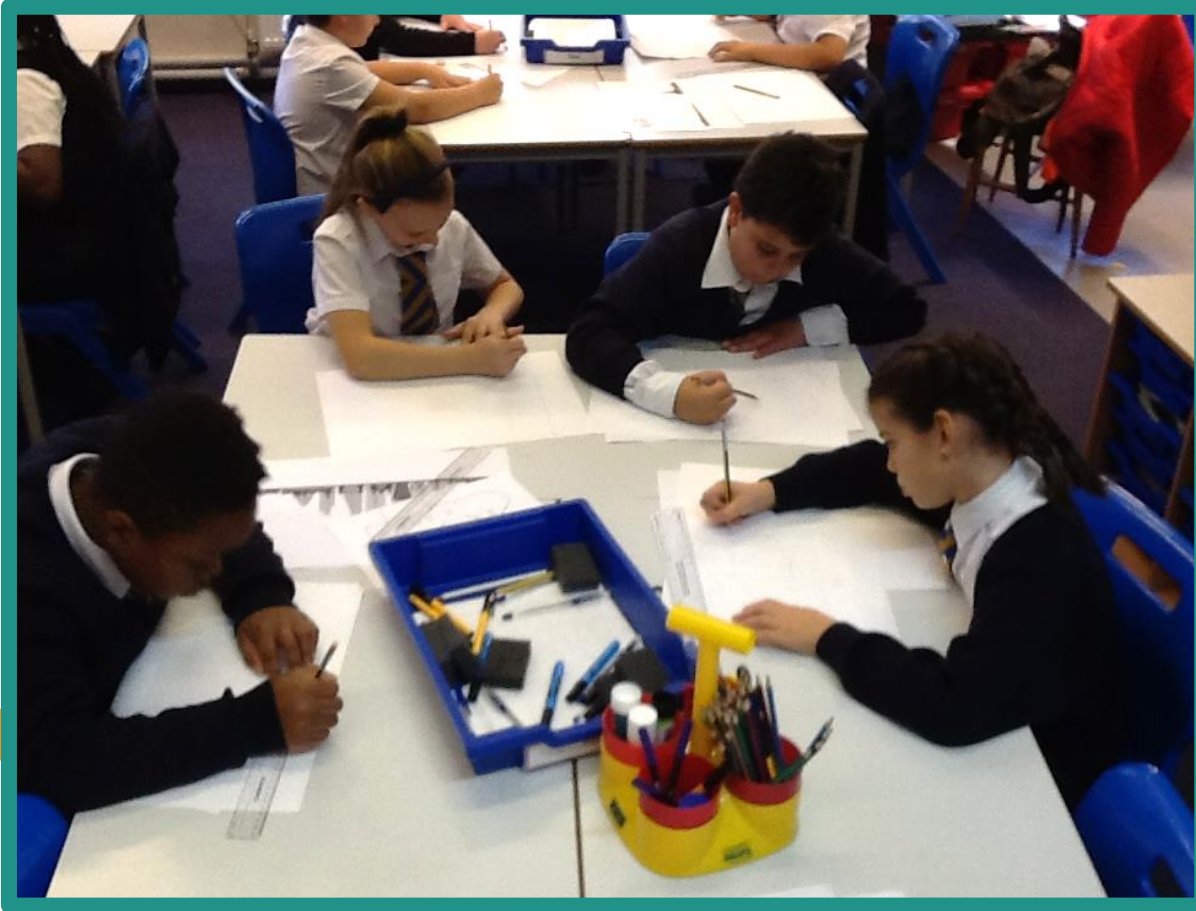
After learning about plans, sections and elevations, the students created plans of their classrooms

A large blue circle is centered on the page. To its upper-left, five teal-colored line segments of varying lengths are arranged in a curved, dashed pattern. To its lower-right, a smaller purple circle is partially visible, overlapping the edge of the blue circle.

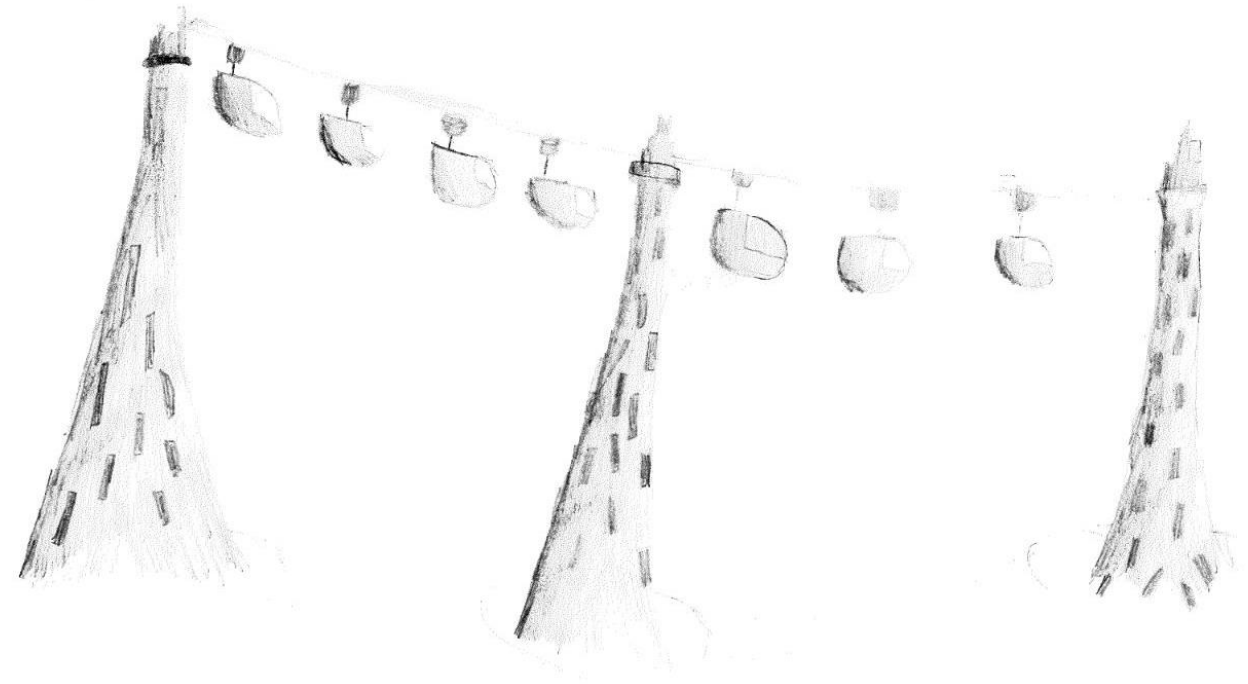
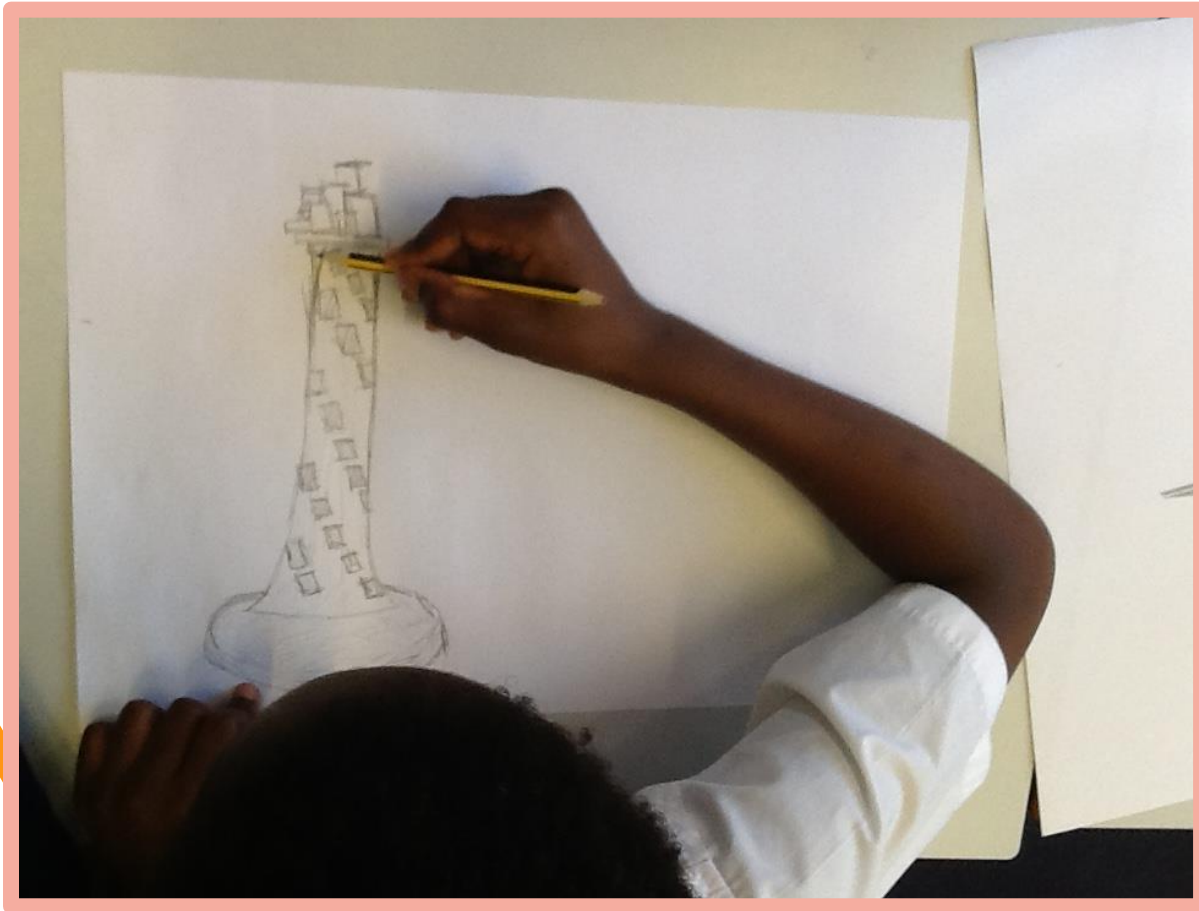
Drawing Workshop

October 18, 2022

Sketching the Design District

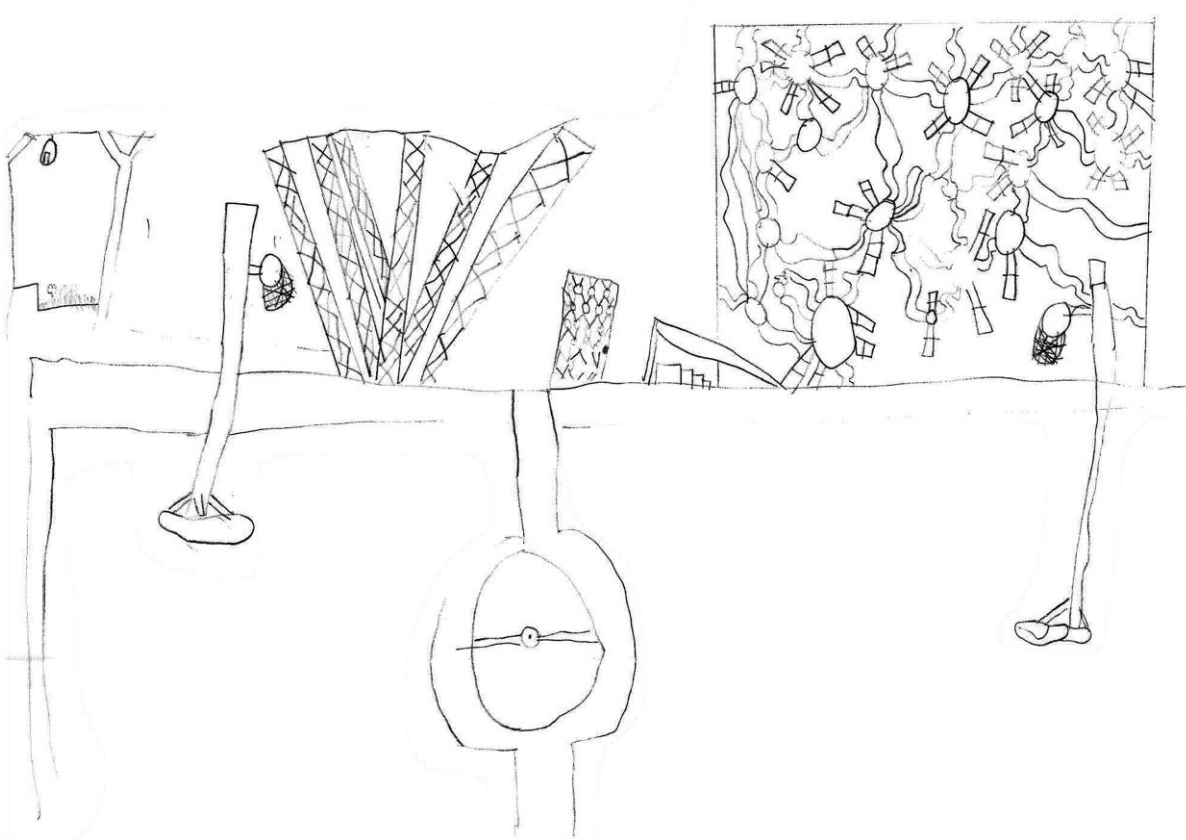


We asked the students to sketch their favourite part of the site visit from memory

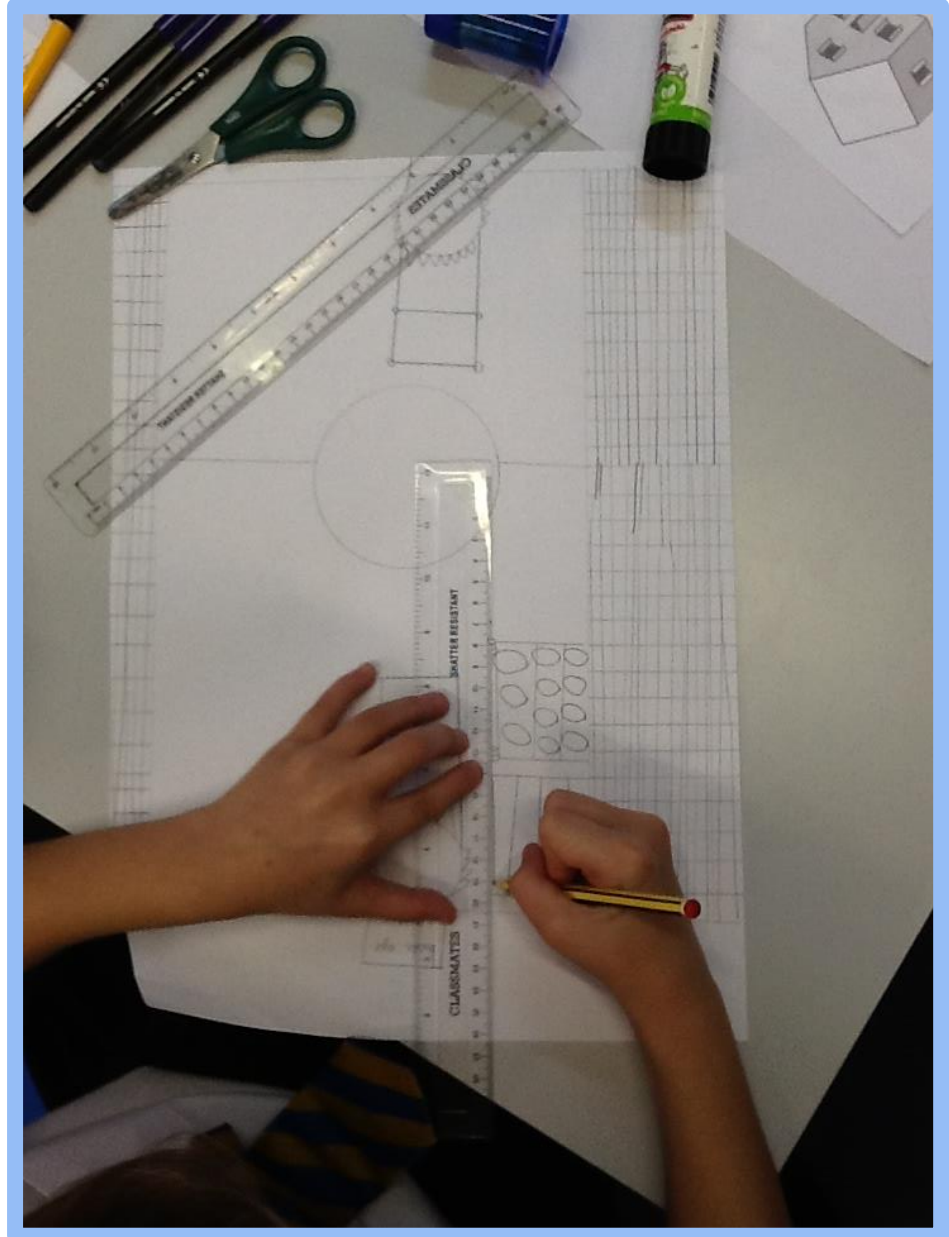


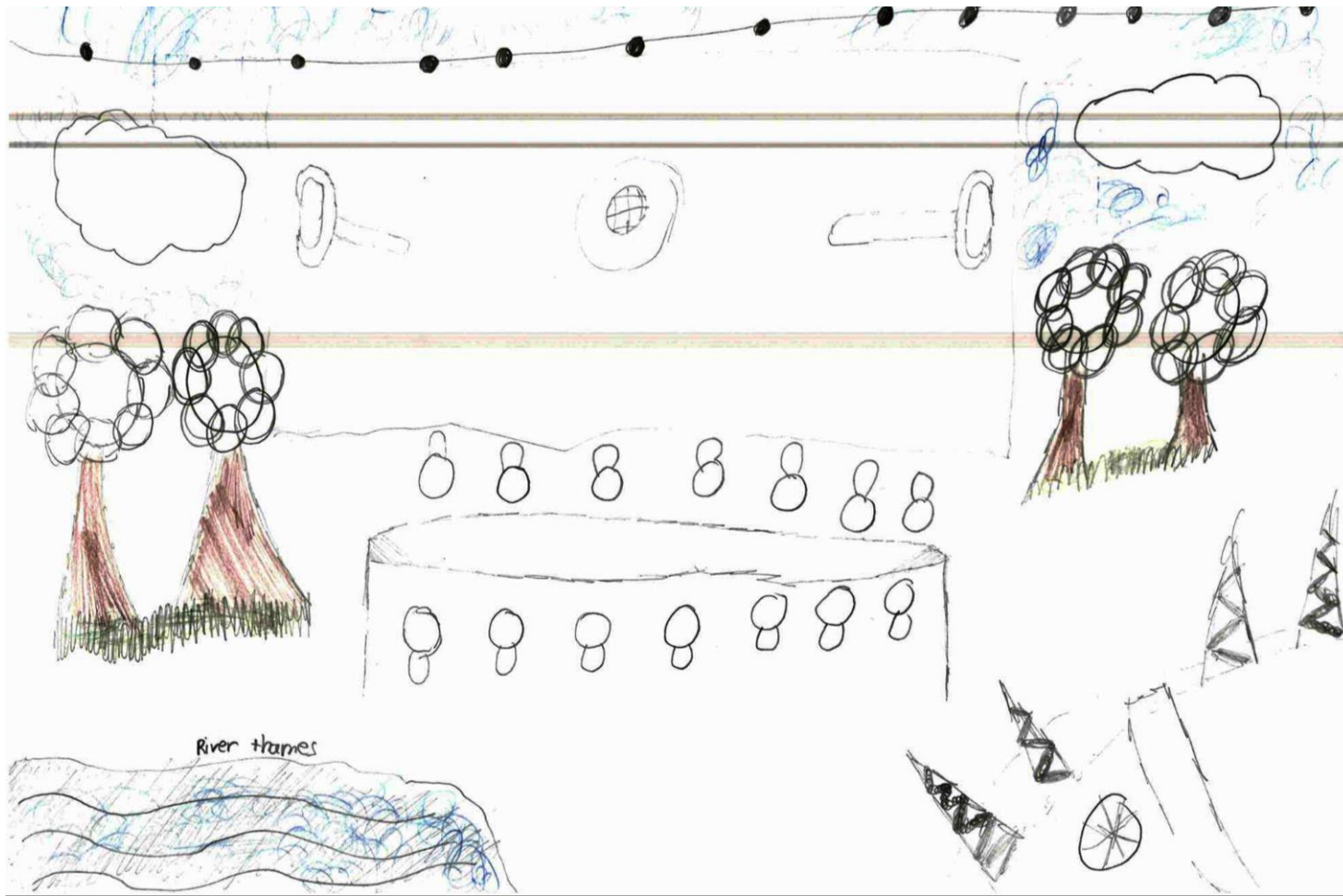
Some students drew the Emirates cable car, which we saw from the picnic table...

Others drew the rooftop basketball court...

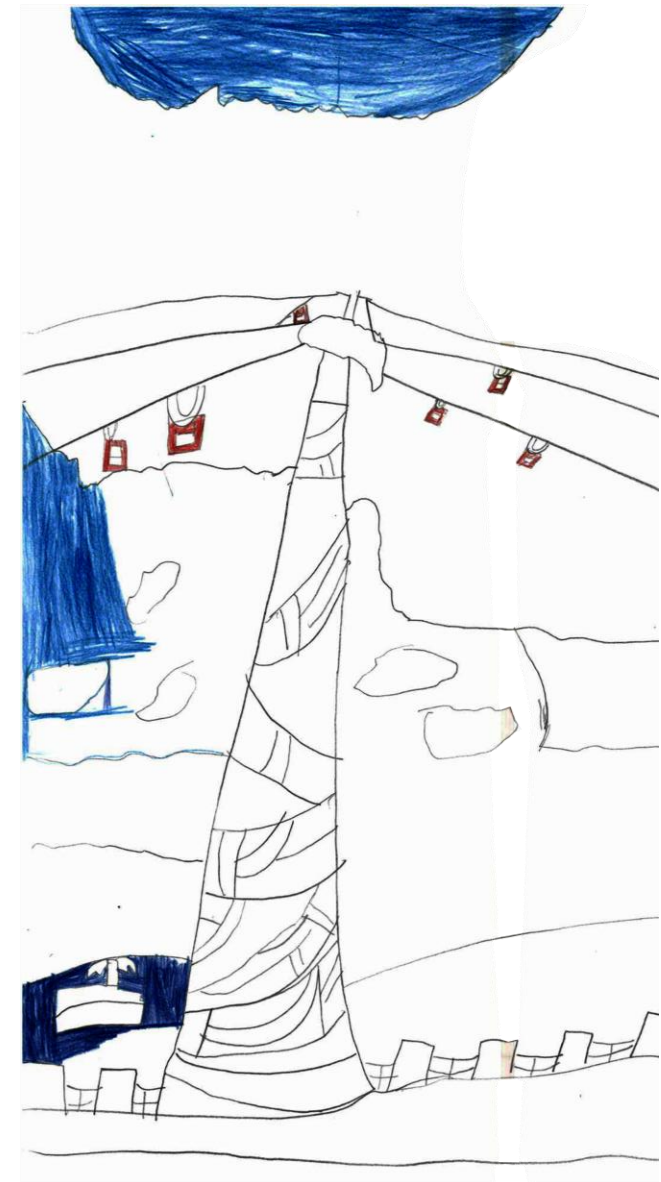


We introduced the students to **plans, sections and elevations** and it was great to see that some of them used these views to frame their drawings.

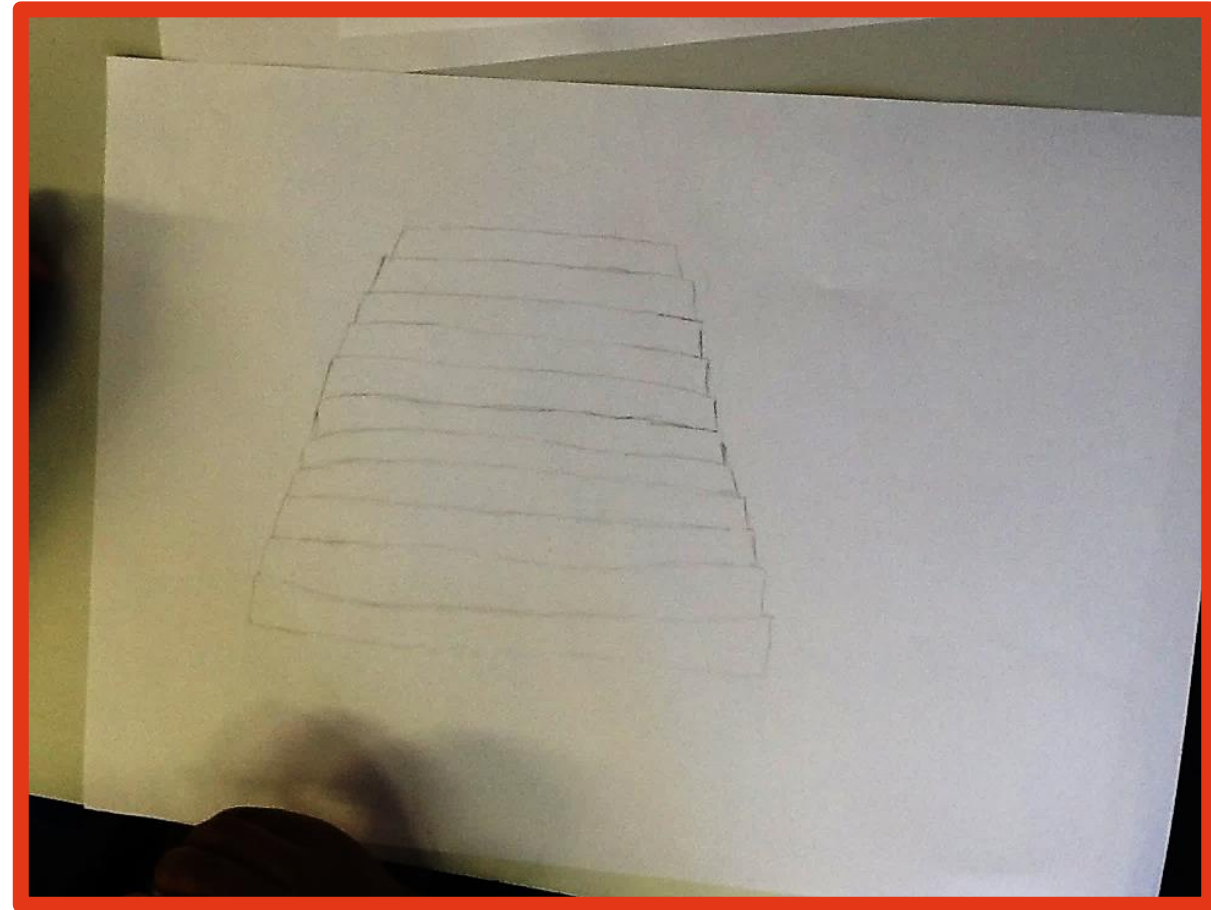
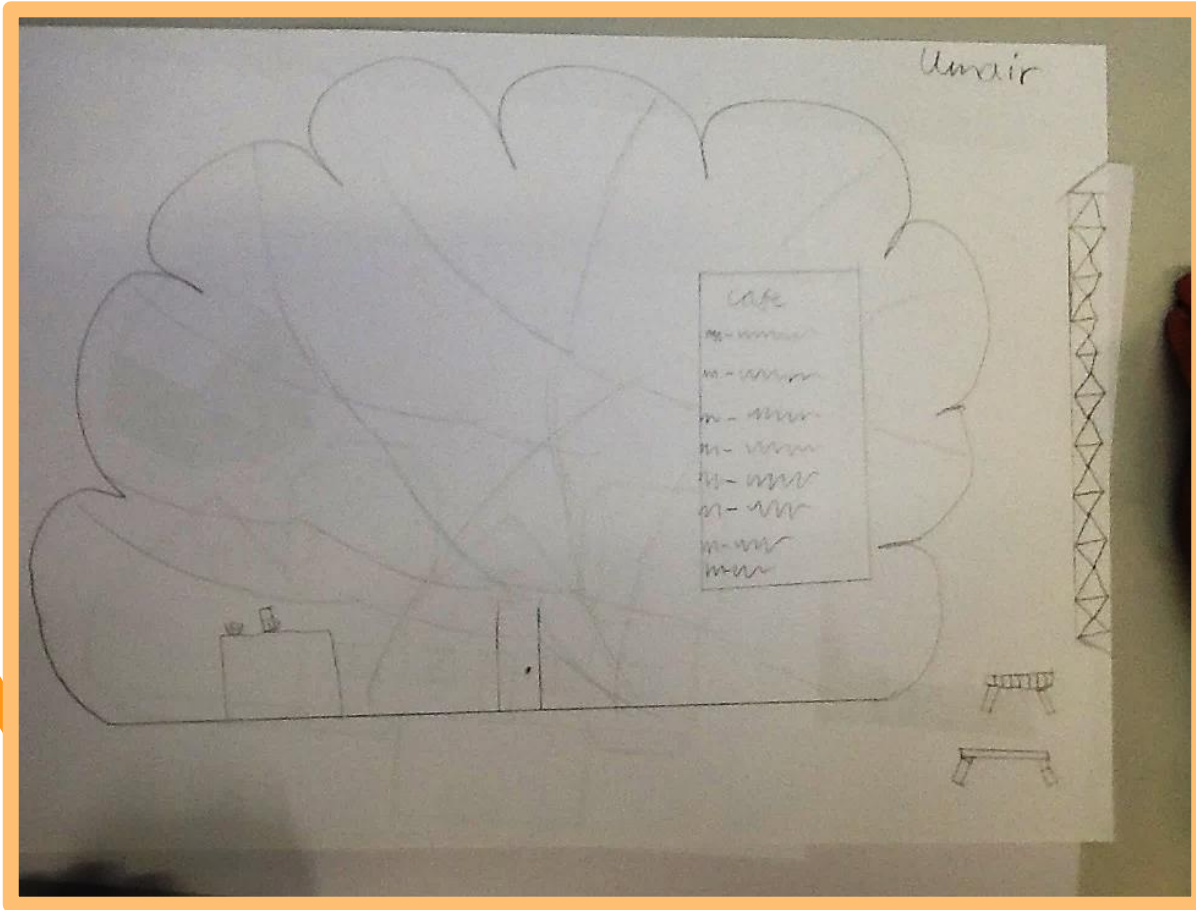




Some added pops of colour!



Some drew the yellow bubble canteen building...

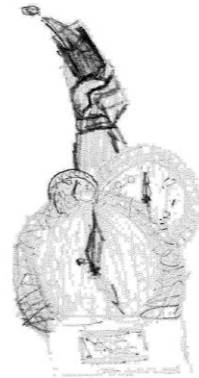
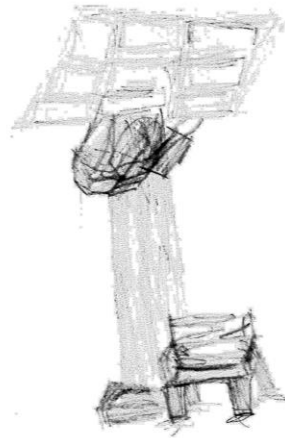
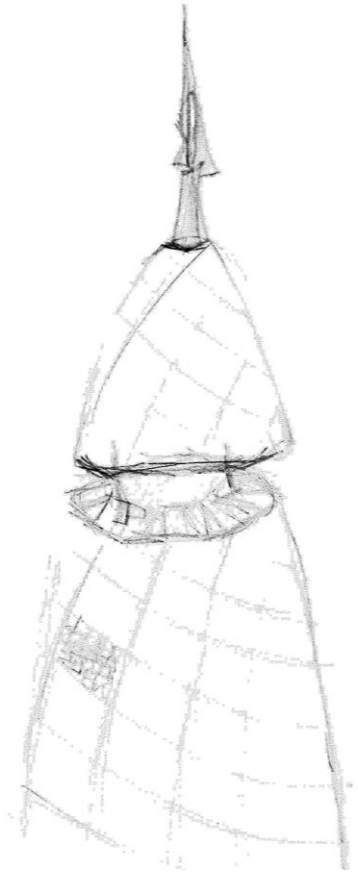


While others sketched the stairs to the Tide, the raised platform overlooking the Thames.

Sketching the Future Shadwell



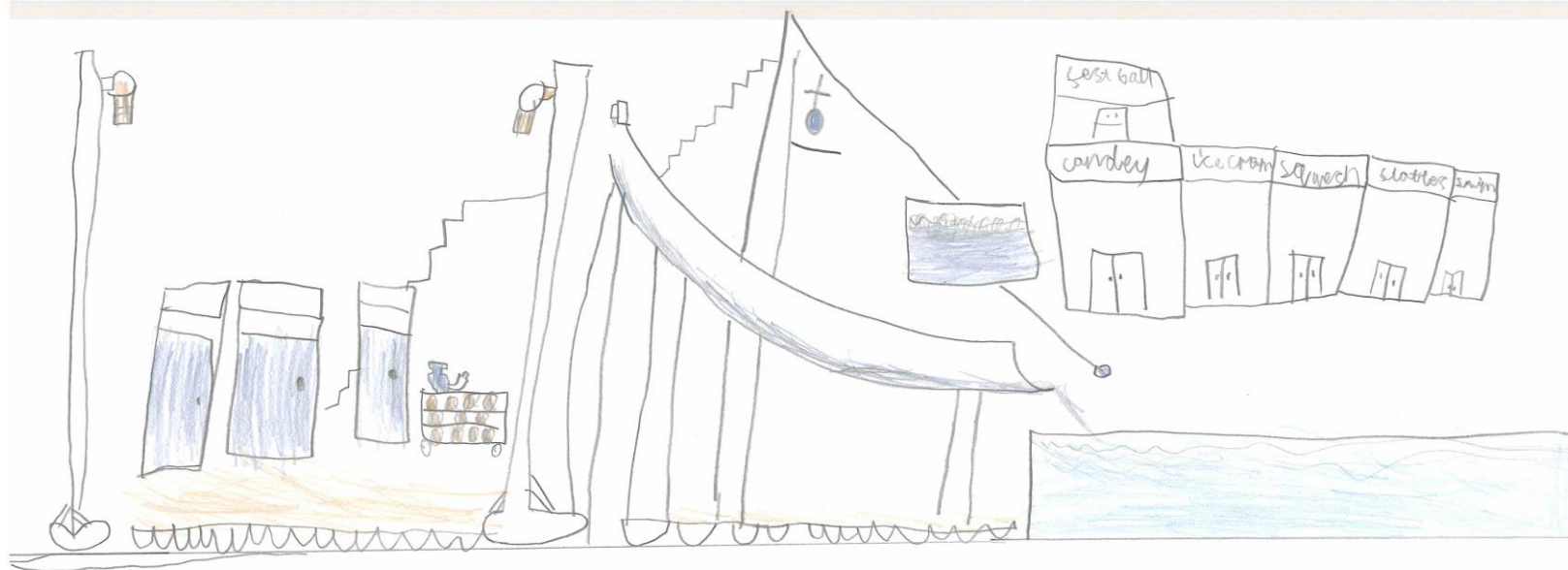
We asked the students to draw what they wanted to see in future Shadwell



Some wanted to see more landmark buildings around the local area...

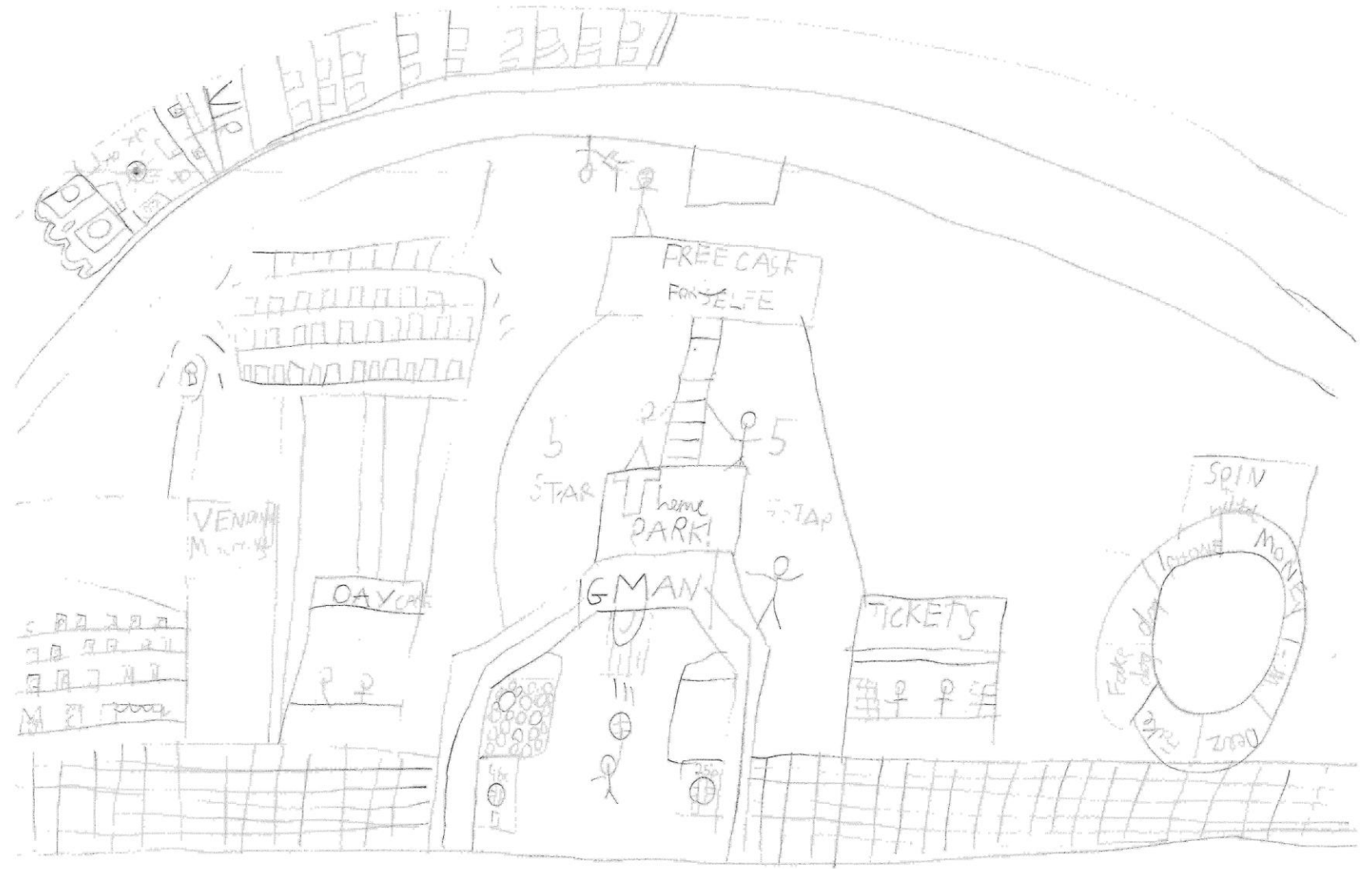
While others wanted future Shadwell to have a fun art school building...

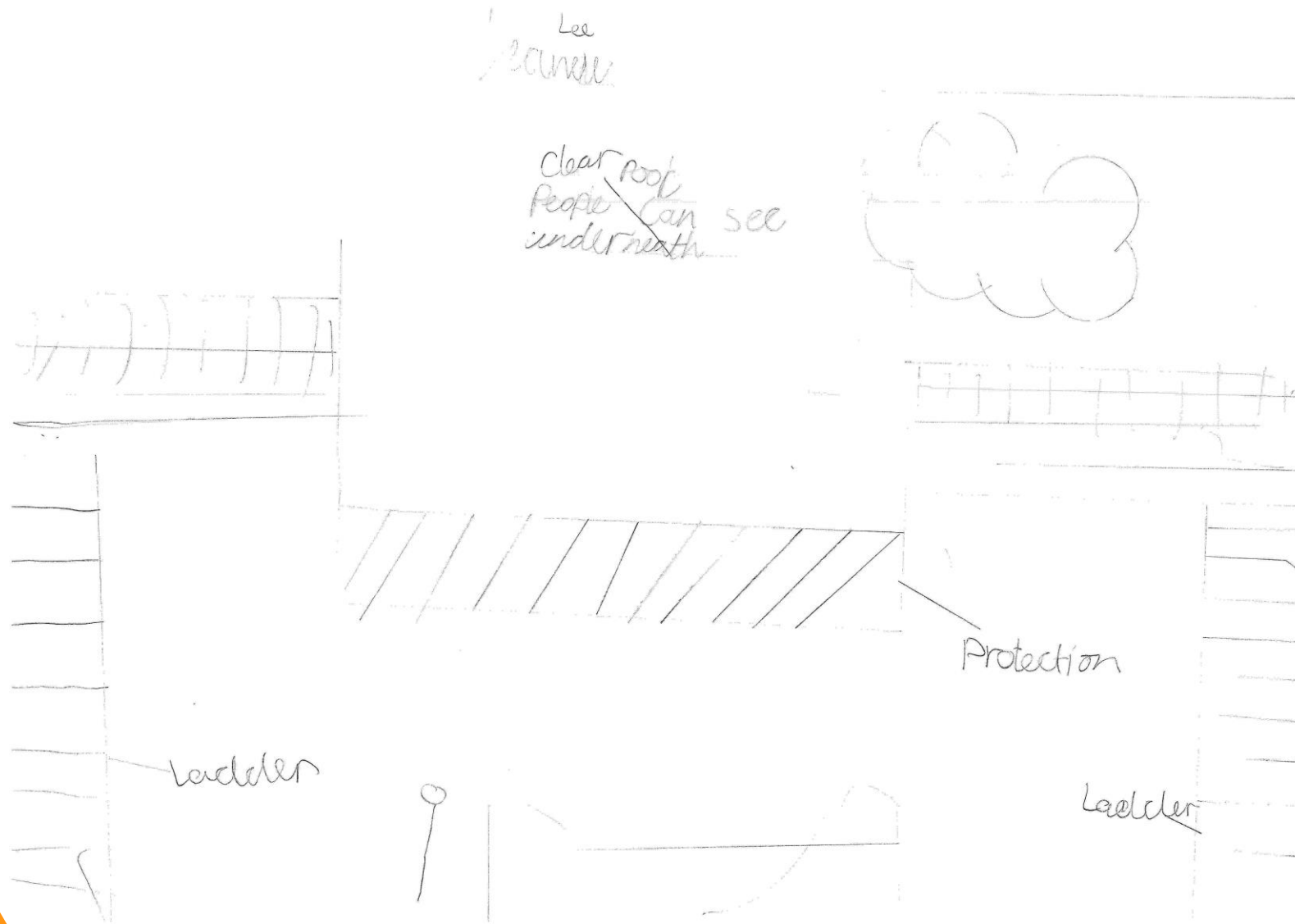




One student reimagined St Mary and St Michael's as a theme park during summer time!

Another student designed a theme park to make the area more child friendly.





One student even thought about creating homes that were energy efficient. Large windows are covered by protective curtains to keep the heat in.

Masterplanning



In small groups, the students drew over an A1 site plan of their school. They annotated what they would like to see in their school neighbourhood.

Ideas

Community swimming pool

School swimming pool

Tennis court



Ideas

Cinema

Art school

Zoo

Chicken shop

Theme park

Gymnastics gym



Ideas

Local
charity

No curved
buildings

More
green
space

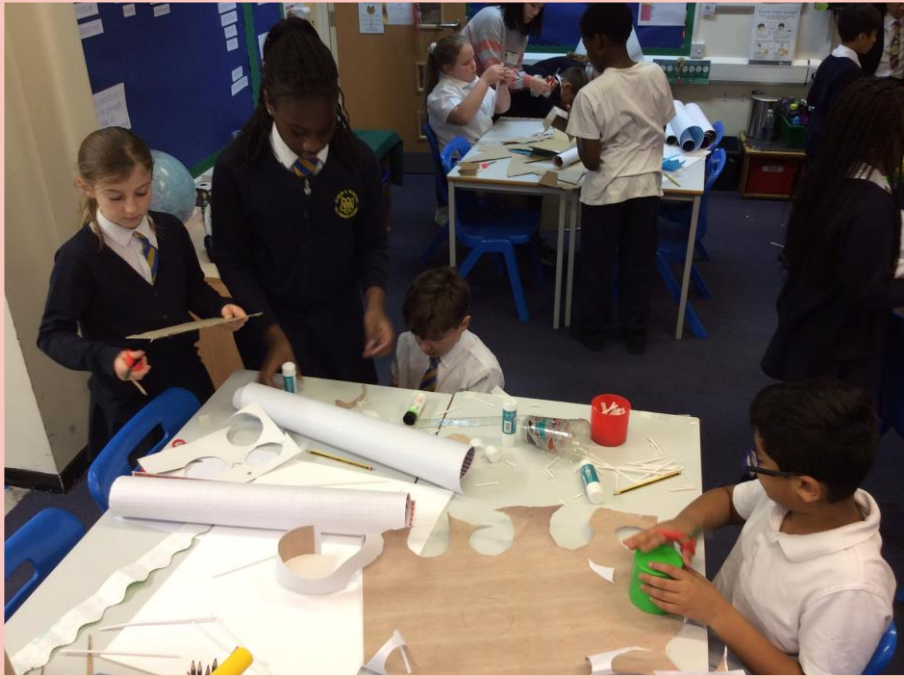




Model-making Workshop

November 15, 2022





We split the children into small groups and gave each one a different category to build

Bus Station

Train Station

Airport

Hospital

Flats

The Shard
Reimagined

Factory

Offices

Multi-faith
Cathedral

Flats

University

St Mary and St
Michael Catholic
Primary School
Reimagined

Sports Stadium

Shops (food,
clothing, charity)

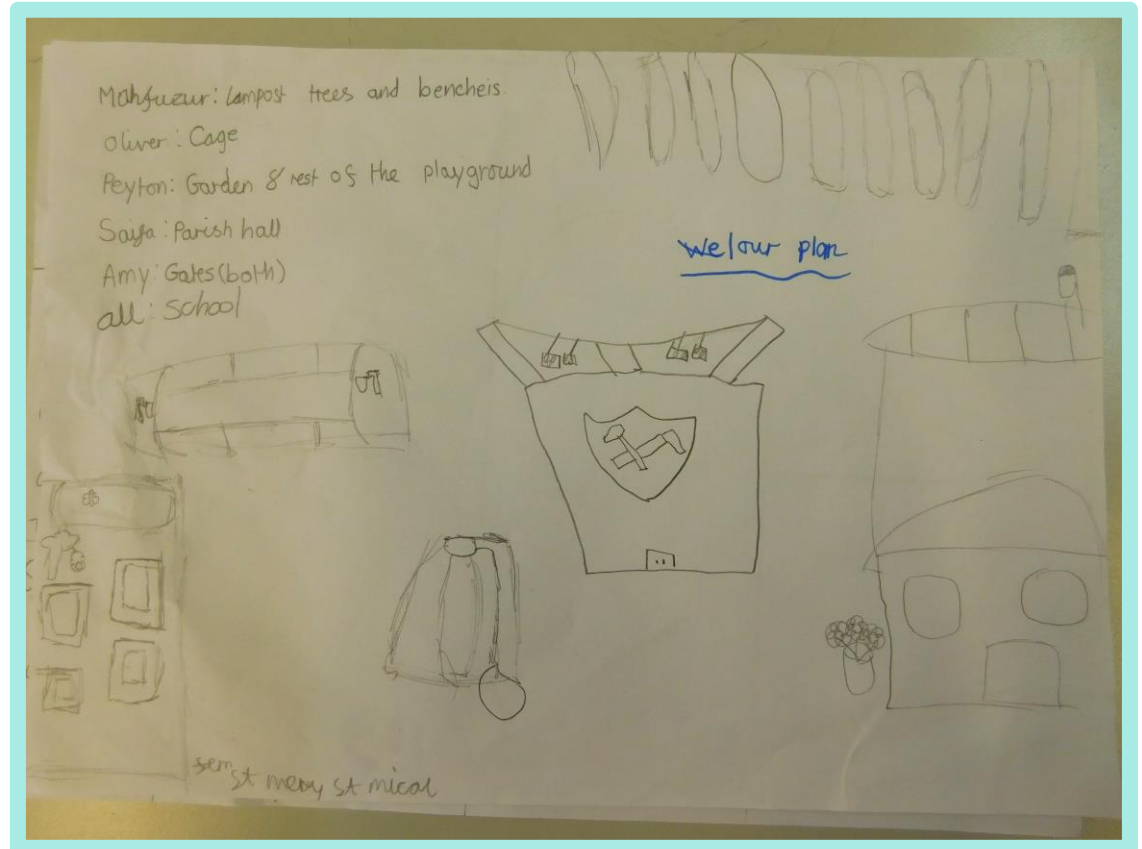
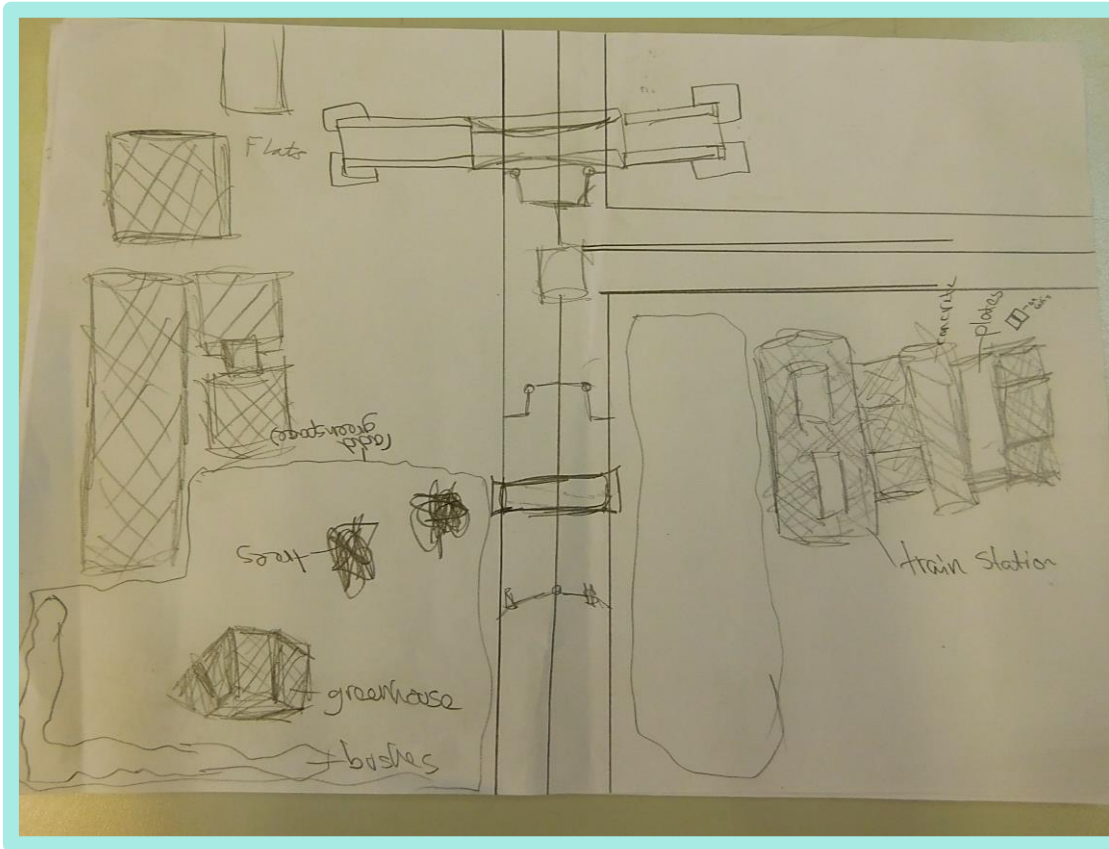
Leisure Centre

Green Space

Skatepark

Café/Restaurant

Planning the models



We asked the students to sketch a plan of their model, assign different roles to each group member and get started!

Making the models



This group of students were creating a reimagined Shard, with a teleportation platform so people can enjoy views of London



This group was tasked with designing the reimagined St Mary and St Michael Catholic Primary School

Making the models



Using different textures and materials to create the futuristic buildings

Making the models



The students built their models in their classrooms before coming back together in the hall to present and combine their work. Each group explained what they designed and why it was futuristic.

Explaining the models



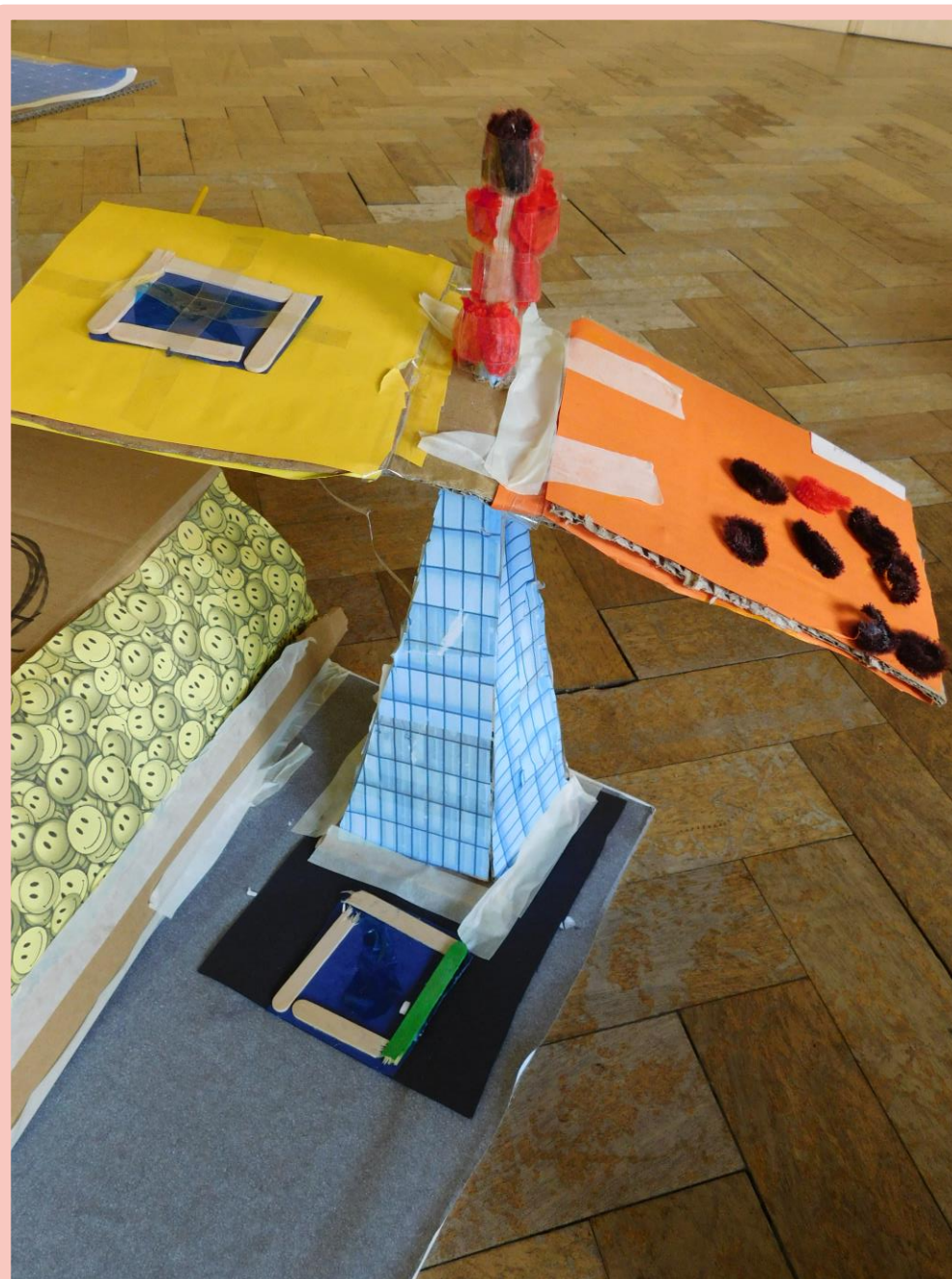
This group designed a green hospital with a wind turbine and solar panels to power the entire building



This group designed both a sports stadium and a university, which work together to power their services



London Reimagined



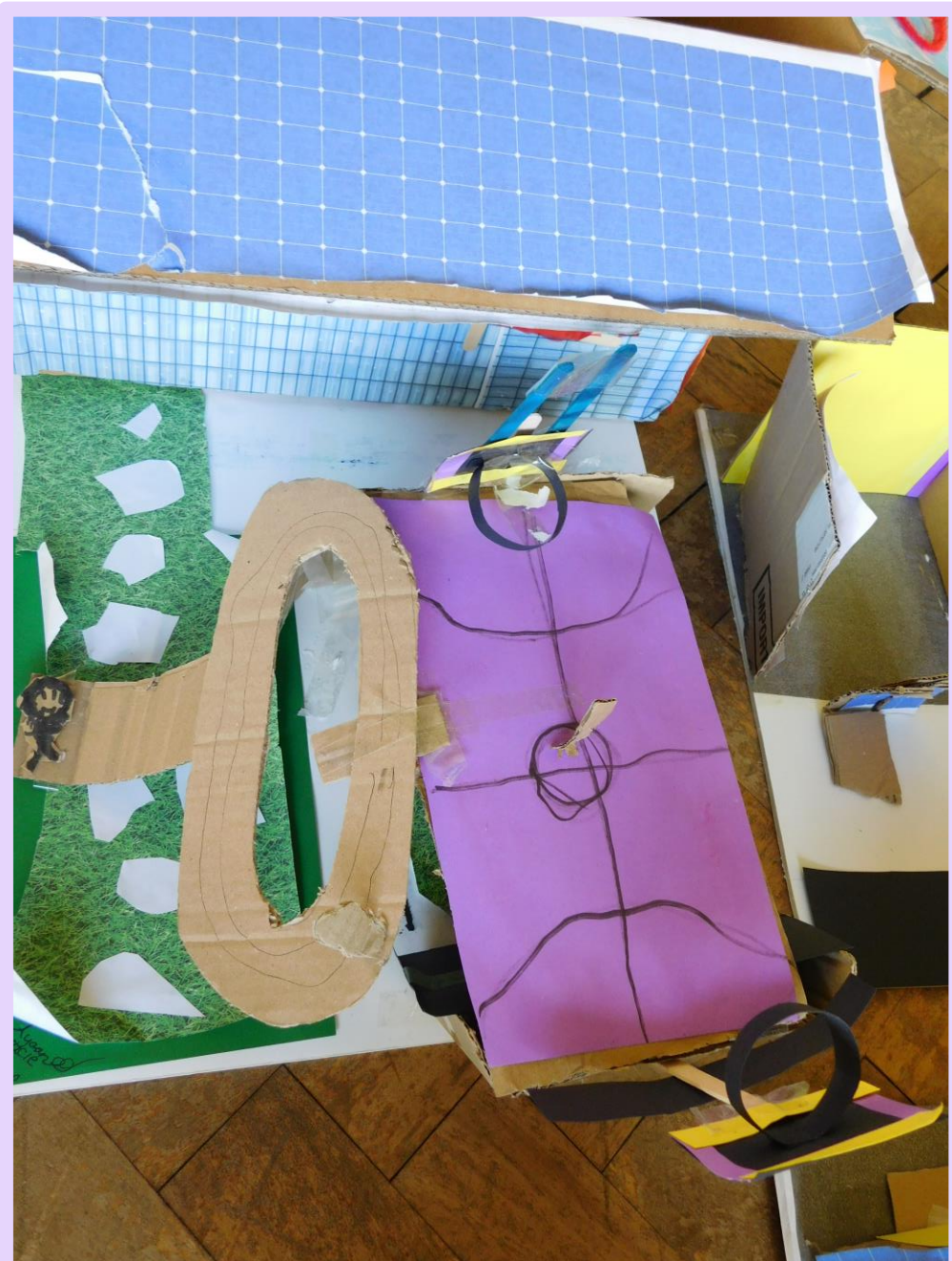
The Shard Reimagined

The Reimagined Shard has a platform high above for the public to enjoy the views of new London. A transporter taking you from the bottom to the top makes it accessible for everyone.

Flats and Train Station

This group decided to make the flats triangular, as they are the strongest shape. They have a suspended pool in between and a dog park for added greenery. The DLR station encourages people to take public transport and is powered by solar panels.



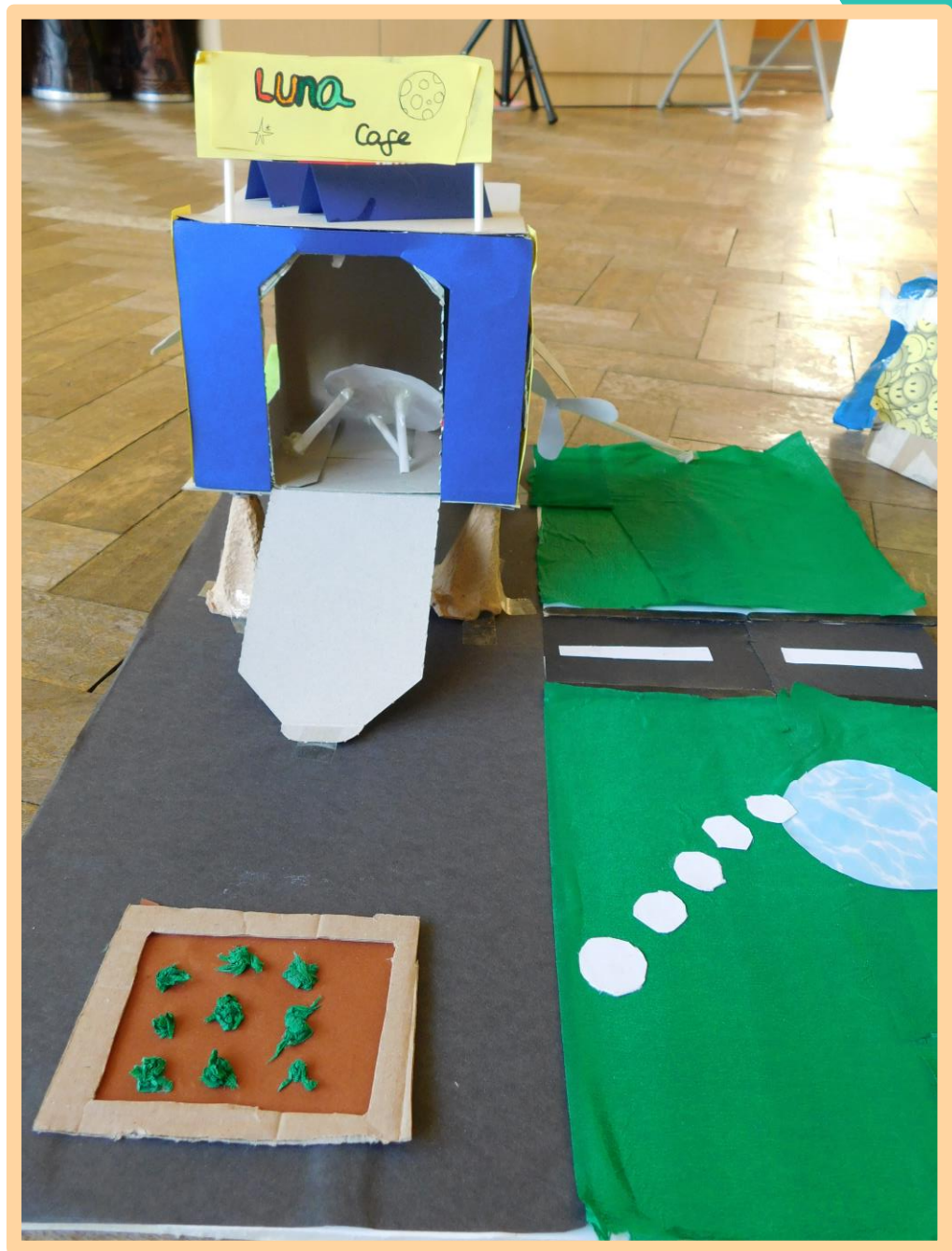


New London Stadium & University

The group built a university which is powered by the neighbouring sports stadium. Energy is created when athletes cycle around the track or slam dunk into the basketball hoops.

The Luna Cafe

The café uses ingredients grown in the garden, which encourages the use of local and seasonal produce. Food waste is also used as biofuel.



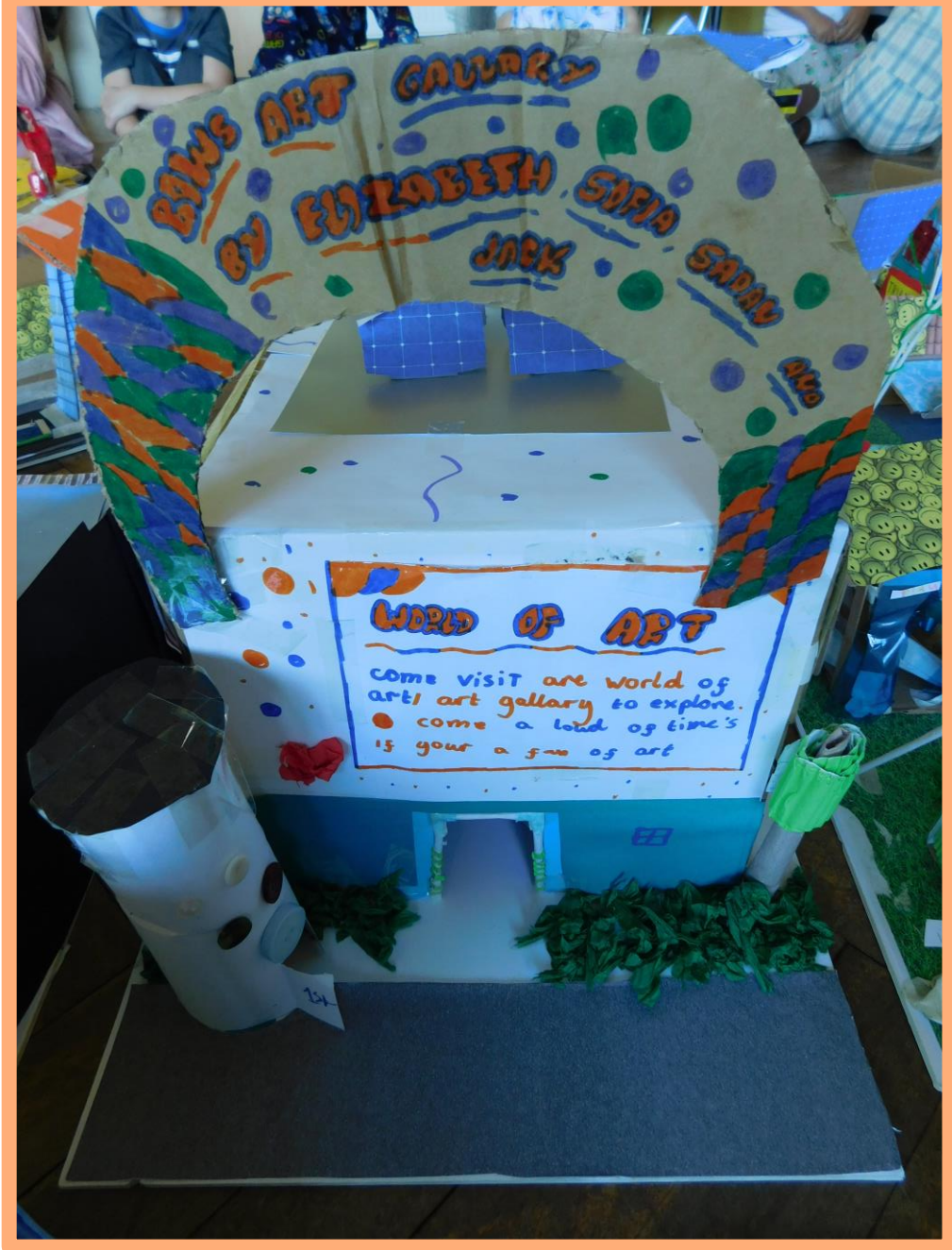


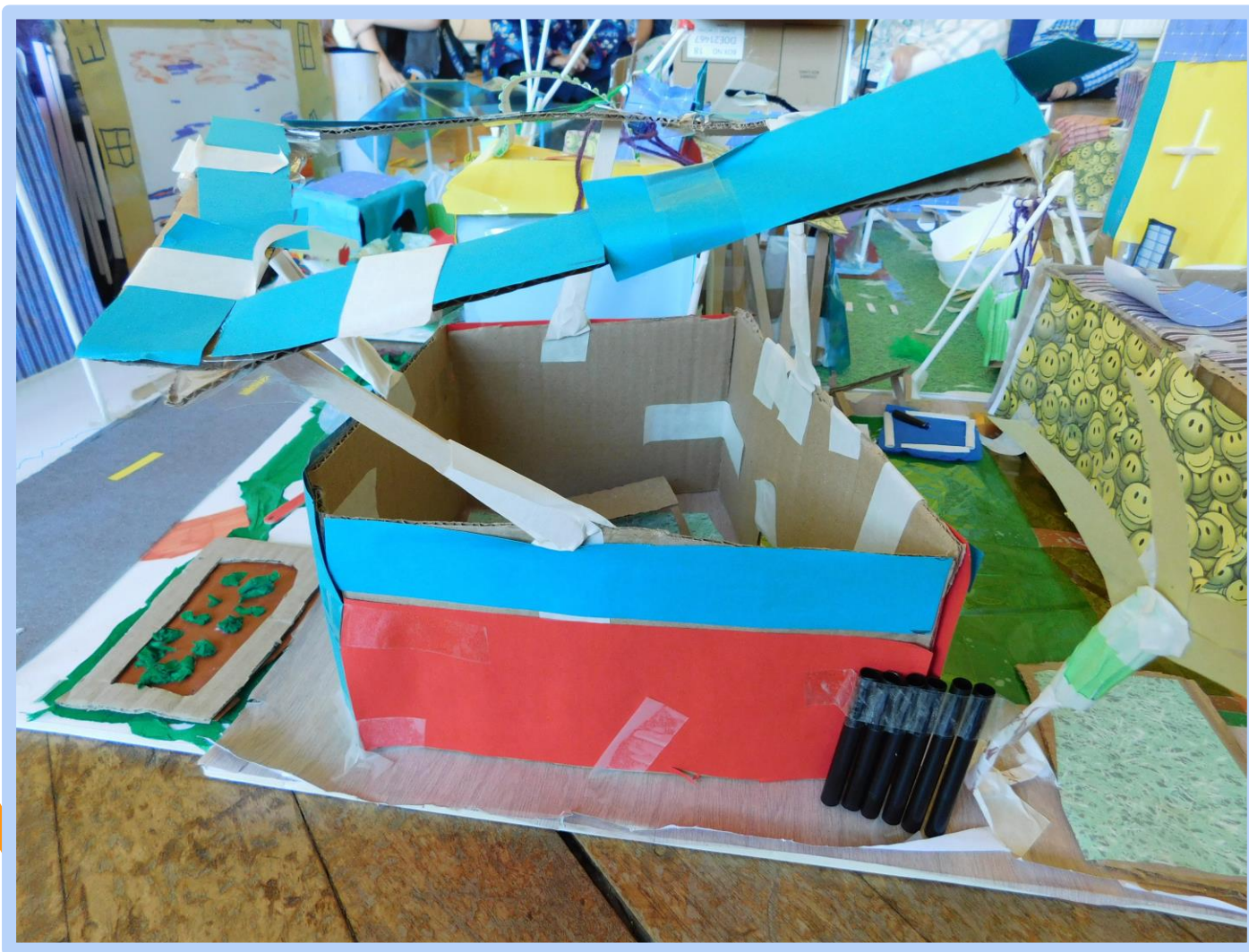
London City Airport

The airport has a lot more green space which welcomes people as they touchdown. There are plenty of signs to make it easy to find your way around.

Bow's Art Gallery

This art gallery for East London has art and installations on the outside to encourage people to come in. Local artists can exhibit their work. The solar panels and metal roof keep the building nice and warm.





St Mary & St Michael Catholic Primary School Reimagined

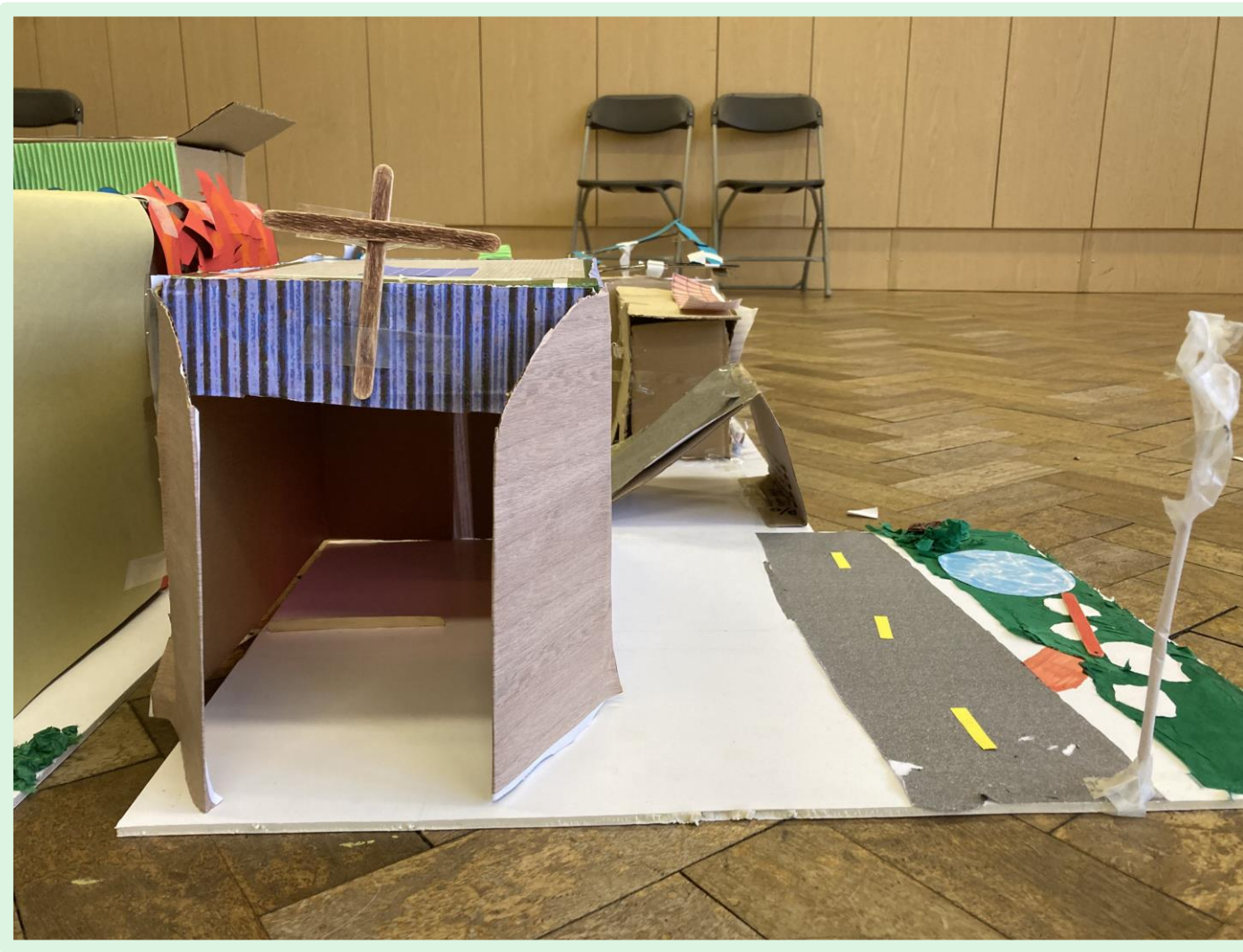
The children reimagined what their school would be like in 60 years' time. The school is covered in smiley faces to make it more welcoming for children.

The playground has more green space and a place to grow vegetables for the canteen. The cage, which houses the football pitch, now has real grass and a slide to enter!

The Futuristic Hospital

The hospital has a helipad on top and is powered by the wind turbine and solar panels. There are also fun colours and textures to make it more inviting and less scary for patients.

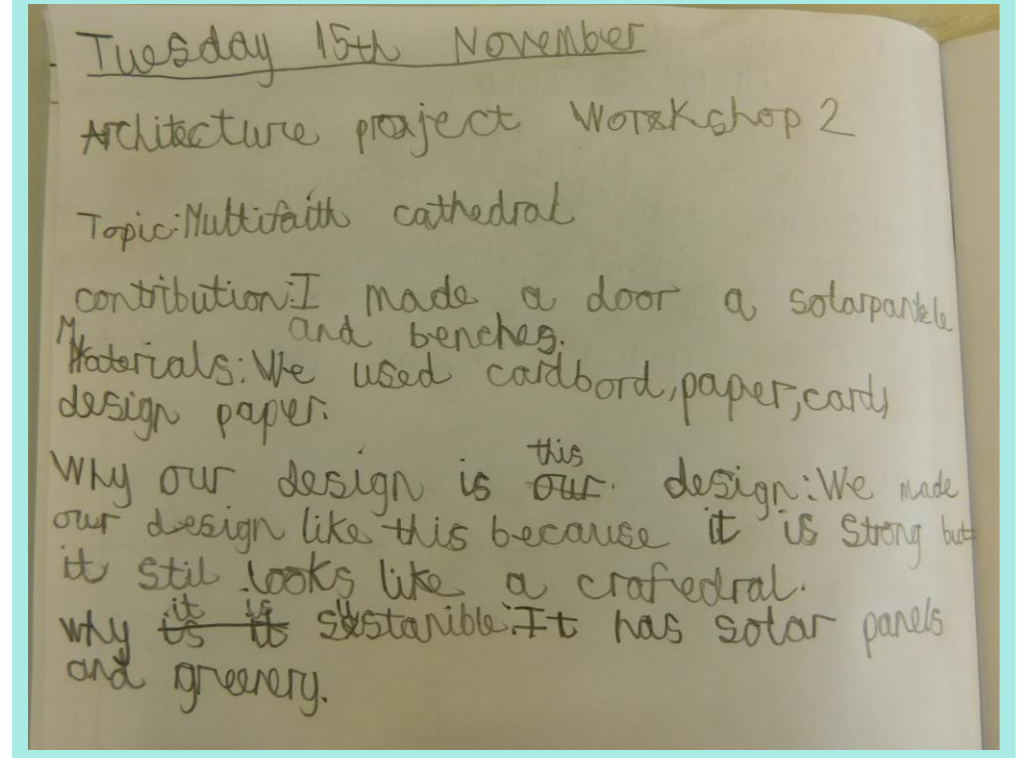
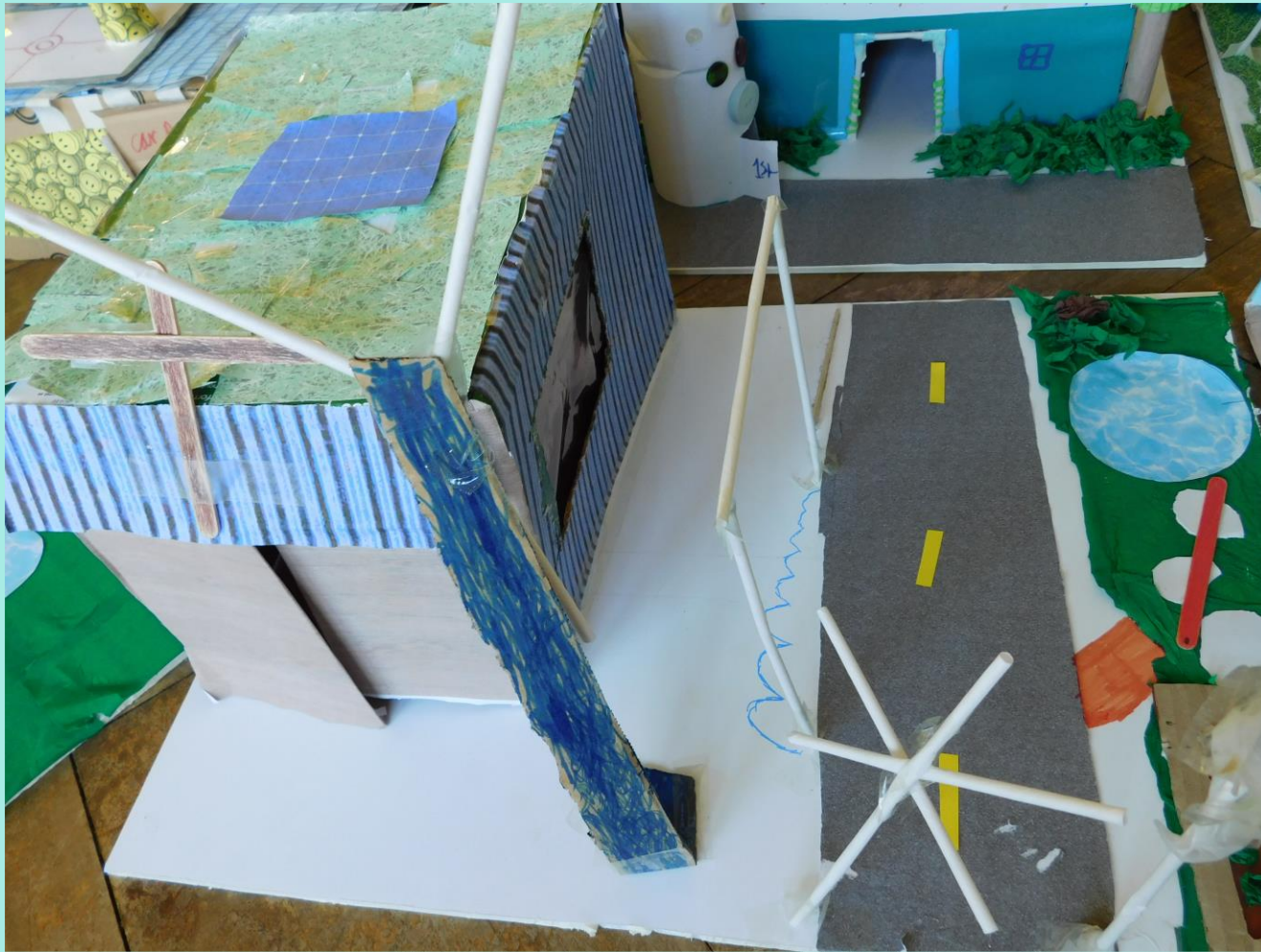




Multi-Faith Cathedral

London remains a wonderfully diverse city in the future. The multi-faith cathedral can be used by everyone, no matter their faith or beliefs. The timber doors and stained glass windows make the place feel warm and inviting.

Reflecting on the process



The students wrote about their contribution to the project, explaining their design and why it is sustainable.



Deciding the layout of the city...

Plan View



Elevation View



Thank you!



St Mary & St Michael Catholic Primary School
Year 5G & 5W with **BDP**.