



Banks Road Primary School



YEAR GROUP	Year 5	SUBJECT	Drawing	TERM	Autumn
MEDIUM TERM PLAN National Curriculum STUDY	<ul style="list-style-type: none"> produce creative work, exploring their ideas and recording their experiences to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques 				
PREVIOUS LEARNING (What should they already know)	<ul style="list-style-type: none"> The ability to think creatively to create something new, inspired by the world around them. Knowledge of different pencils such as 2B 4B. 				
END POINTS, SKILLS & KNOWLEDGE (What the children should know at the end of the unit.)	<ul style="list-style-type: none"> A basic understanding of architecture such as elevation, section and plan. An understanding of biomimicry Knowledge of architects: Walter Aubery Thomas, Giles Gilbert Scott and Dan Meis An understanding of one point perspective Primary sources of nature photography 				
RETRIEVAL VOCABULARY	Line, shape, texture, photography, nature				
NEW VOCABULARY	Architecture, architect, elevation, section, plan, biomimicry, one point perspective				

IMPLEMENTATION			
	LEARNING OUTCOME	NEW LEARNING/KNOWLEDGE	END POINT
LESSON 1	I have learnt about a variety of architects and I understand the terms elevation, section and plan used by architects.	<p style="font-size: small; margin: 0;">Lesson 1: Warm up</p> <p>_____ Children to draw a line in sketchbook and create a skyline along the line.</p> <p>Main activity 1: Children to choose one of the famous buildings and research using iPads. Create a research page in sketchbooks using an image and information about your chosen architect and building.</p>	A research page on a chosen architect and definitions of elevation, section and plan in sketchbooks.



Walter Aubrey Thomas- built the Liver buildings
 Giles Gilbert Scott- built the Anglican Cathedral
 Dan Meis- Everton Football ground [Bing Videos](#) (This link is a drone view of the new stadium.)

Main activity 2: Elevation, Section and Plan

Elevation drawings
 These are drawings which show the outside façade of a building. From doors and windows to turrets and garages.

Section drawings
 These drawings show the inside of a building or space. Imagine we cut the front wall off a house. We'd see each floor, the staircase and furnishings on each level. Like a doll's house!

Plan drawings
 These drawings show what we would see if we took the roof off and looked down at a building from above. A birds-eye view.

**LESSON
2**

I can draw a one point perspective drawing.

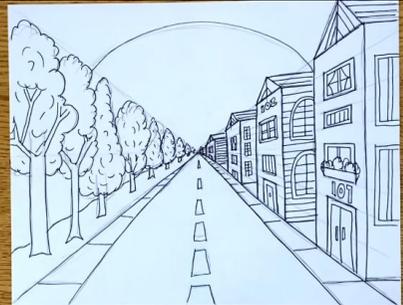
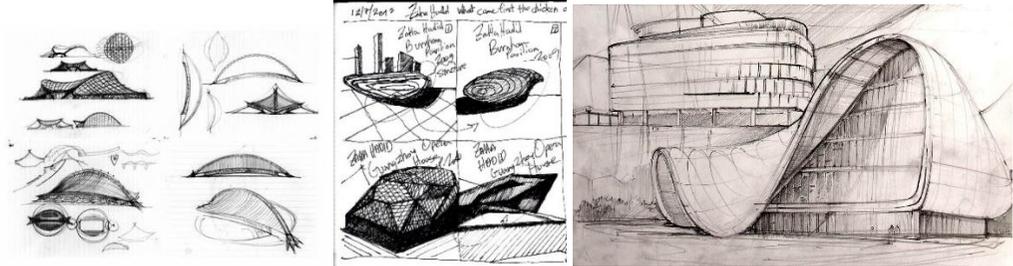
Lesson 2: Warm up Hats on the horizon!

_____ Children to draw a line in their sketchbook and quickly do 'hats on the Horizon'. Children draw different size circles sitting on the line and then draw a hat on each one. They can also draw bodies and this will demonstrate perspective. The bigger heads/hats are closer and the smaller circles/hats are further away.

Main activity: Perspective
[One - Point Perspective - 5th grade](#)

One point perspective is a drawing technique that is used to create an illusion of depth and distance by using a single vanishing point on the horizon line. Children will follow the linked activity which will take them step by step on how to draw a one point perspective. Children can go over drawing with fineliner if there is time.

A one point perspective drawing in sketchbooks.

			
<p>LESSON 3</p>	<p>I understand the term 'Biomimicry' and how architects are inspired by nature.</p>	<p>Lesson 3: Warm up</p>  <p>Children to draw a line and create a skyline inspired by the shapes of these flowers, plants, leaves.</p> <p>Main activity: Biomimicry comes from the Greek word Bio, which means life, and mimicry means to imitate. Children to watch the link that discusses how architects create structures inspired by nature. Children to create an information page on biomimicry using the images provided.</p> <p>Biomimicry in architecture: Nature-inspired design</p> 	<p>Information page on biomimicry.</p>
<p>LESSON 4</p>	<p>I can create my own photographs depicting nature.</p>	<p>Capturing nature</p> <p>Children to visit Speke Hall to take photographs of nature such as flowers, leaves, trees, insects on iPads. They will then create an elevation inspired by these photographs.</p> <p>Teacher can provide extra resources such as printed images of nature too.</p>	<p>A number of images of flowers, leaves and plants. An initial drawing, creating a biomimicry inspired building.</p>

**Lesson
5&6**

I can create my own elevation sketch inspired by biomimicry. I can work with my classmates to create a diorama.

Mai activity: Children to design a building inspired by biomimicry and collaborate with classmates to create a diorama.

1. Create your building design using pencil and fine liner
2. Cut round your design carefully and back it onto cardboard using PVA glue
3. Work together to arrange your city into a skyline. Think about foreground, middle ground and background



A biomimicry sketch of a building designed by the children and participation in creating a diorama.