ADT Department

Year 2022

Topic: Year 7 Ball Desk Tidy

Learning Journey

Prior learning: Students have worked on accurate measuring and cutting skills in the wooden puzzle project. They will have some experience in 2D modelling this will now be developed into 3D modelling using nets.

Learning sequence – topic title							Endpoint
Main learning steps	Research skills development - secondary research and product analysis **Homework** Product analysis on others work	Design and graphic skills including **isometric drawing** – primary research	4x4 design exercise to **develop 3D modelling skills**	**Nets and net** development to develop 3D modelling skills. Cross-curricular links to maths	Card modelling skills including using a cutting mat, craft knife and safety ruler **Homework moodbaord on selected design movements**	Papier mache and **surface decoration** using inspiration from chosen design movement	Completed desk tidy to high standard and work booklet completed
Assessment	Class and homework task teacher assessed.	Self assessment	Whole class feedback and self assessment	Teacher feedback	Model checked against drawing and ongoing verbal feedback	Verbal feedback	Teacher summative assessment in student booklet with targets.

Where will we use these ideas again:
In subsequent DT projects throughout KS3

Resources needed at home – internet access, basic drawing equipment including colouring pencils.

Parental support – Visit the Design Museum.

Where will we use these ideas again: CAD to be developed further in year 9 and link to KS4 curriculum