# Design Technology: CAD

## Foundation Stage Scheme of Work

Year	7 Design Skills	16	Lessons/8 Weeks
Stage	Description		
	Design	Make	Evaluate
Emerging	CREATING MOODBOARD  Responds to the theme with a superficial and basic way.  GENERATING IDEAS  Some sketches or tracings are created using the mood board to create rough outlines or shapes. Lack of colour or detail.  CREATING REPEAT PRINTS  The image is repeated in a basic way with little regard to accurate layout.	MANUFACTURING FINAL PIECE  Demonstrates some accuracy.  Demonstrates an attempt at using finishing skills.  Supervision & prompts needed to produce an outcome.  USE OF 2D SOFTWARE TO PRESENT IDEAS  Produces a 2D drawing using one incomplete graphic technique.  Limited evidence/ use of editing tools in photo shop.	FINAL PIECE EVALUATION  Limited evaluation of techniques, processes and performance, which is purely descriptive with no suggested improvements.  Quality Control is loosely used.
Developing	Responds with some images that relate to the theme and thought has been taken with presentation.  GENERATING IDEAS      Completes some sketches using the mood board. Some images may lack colour or accuracy.  CREATING REPEAT PRINTS      A repeat print is created with a basic layout and some accuracy.	<ul> <li>MANUFACTURING FINAL PIECE</li> <li>Demonstrates a basic level of accuracy.</li> <li>Demonstrates a basic level of finishing skills.</li> <li>Requires some assistance to produce an outcome.</li> <li>USE OF 2D SOFTWARE TO PRESENT IDEAS</li> <li>Completes a 2D sketch using one complex graphic drawing technique with some inaccuracies.</li> <li>Basic use of editing tools in Photoshop.</li> </ul>	FINAL PIECE EVALUATION     Limited evaluation of techniques, processes and performance, which is purely descriptive with no suggested improvements.     Little application of quality control.
Secure	CREATING MOODBOARD  • Responds creatively with images and patterns that are inspirational to the theme.  ★ GENERATING IDEAS  • Completes a range of sketches using some drawing and rendering techniques with accuracy.  ★ CREATING REPEAT PRINTS  • A repeat print is created using a more complex layout like a "half drop". It is created with accuracy and attention to detail.	<ul> <li>MANUFACTURING FINAL PIECE</li> <li>Demonstrates a good level of accuracy.</li> <li>Demonstrates a good level of finishing skills.</li> <li>Works largely independently to produce a good quality outcome.</li> <li></li></ul>	FINAL PIECE EVALUATION  An attempt has been made to evaluate techniques, processes and performance but is mainly descriptive with few suggestions for improvement.  Suitable quality control checks are applied in some areas.

#### **CREATING MOODBOARD**

• Responds independently and creatively with a wide range of original images that are inspirational to the theme.

#### **GENERATING IDEAS**

• Completes a wide range of sketches. These use skilled drawing and rendering techniques with accomplished accuracy.

#### **CREATING REPEAT PRINTS**

• Complex and sophisticated repeat prints are created with accuracy and detail.

## MANUFACTURING FINAL PIECE

- Demonstrates a high level of accuracy.
- Demonstrates a high level of finishing skills.
- Works completely independently to produce an effective, professional and high quality outcome.

## **USE OF 2D SOFTWARE TO PRESENT IDEAS**

• Completes a 2D sketch using one complex graphic drawing technique accomplished with accuracy. Evidence of colour editing and filter application.

#### **FINAL PIECE EVALUATION**

• A detailed evaluation of all techniques, processes and performance is presented with suggestions for improvements.

Suitable quality control checks are consistently applied.