

Key Stage 3: 3D Design Curriculum Map 2023 - 24

Prior Learning:

At KS3 some students have embedded the following skills and knowledge

- Drawing skills
- Measuring skills
- Cutting /finishing(use of hand tools)

Curriculum Intent: In **Design Technology subjects** will inspire our students of all ability and prior knowledge to have the **versatility** to learn skills for success in all four disciplines and that this will bring about the **aspiration** to use these in future education/ career choices or in everyday life (skills). Our students will become **learned** and able to discuss or physically demonstrate their new skills and knowledge, students will foster a developing **understanding** of teamwork, independence, self-belief, sustainability and future careers choices. Each subject will offer an **engaging** and nurturing curriculum for students to develop skills and experience both awe and wonder. It is hoped that everyone will show a **determination** and responsibility for their own success

SMSC – Art movements, sustainability

ORACY – discussing key words meanings, describing skills.

LITERACY/NUMERACY/IT – use of key words and terminology/measuring /research and recording ideas

Cross curricular links – Maths, science, history, DT, art

Year 7

**Art Deco Wooden Spatula
7 weeks**

Module Title

Wooden Spatula

Learning Focus

Practical:

- Introducing workshop tools to make a kitchen spatula
- Coping saw
- Rasps/files/abrasive paper
- Vice
- Pyrography

Theory:

- Designing skills – Technical Drawing introduction
- Researching skills – Focus on Art Deco

Careers Focus

Discussion about careers linked to 3D Design / Engineering – Along with possible FE routes.

Assessment

Finished Spatula– Outcome and AO linked to research and design.

What Secure Learning Looks Like

Investigation to include:
Mood board – Art Deco theme
Workshop Safety – 5 examples of risk within workshop
Workshop Equipment - list of relevant equipment
The spatula designs have an established link to Art Deco themes

Experimenting with workshop equipment:

- Cutting with a coping saw
- Changing the blade of a coping saw
- Using abrasive paper
- Pyrography

Is completed so that a final design can be reached.
Teacher feedback acted on

Kitchen Spatula is produced but may not be complete.
Spatula produced by safely using workshop equipment / hand tools / pyrography.
Students uses written and verbal instructions with limited support and guidance.

