

TEACHER NOTES

Design and Technology

Technical Knowledge

Investigate Design - Materials and Structure

Contextual Summary

This information resource is for key stage 2, 3 and 4 students who are studying Design and Technology.

By prior arrangement, students can visit The Model Village Godshill to visit the workshop and see how models are made and maintained.

It is important to contact the venue to discuss requirements.

This resource is a brief introduction to the opportunities for students.

Task Implementation

Students, teachers or educational establishments must contact the team at the venue to arrange a school trip to the Isle of Wight.

Teaching resources by Education Destination Ltd.

Curriculum relevant materials supporting school trips to the Isle of Wight

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Ability Levels

There are four versions of this information page, one each for key stages lower 2, upper 2, 3 and 4.

This page outlines opportunities at this venue for key stage 4 students.

Key skills practised in this unit:

- ▶ Supplementing knowledge by gaining first-hand experience of how different materials are designed and used for a particular purpose.

Relationship to Curriculum

Enables students to understand how designers/engineers use the properties of materials and the performance of structural elements to achieve functioning solutions.

Enrichment Opportunities

Students have the opportunity to enhance their understanding by seeing practical uses for materials in a unique environment.

For further details visit www.edudest.info and click:

- ▶ *Resource Finder* - to locate specific resources identified above
- ▶ *Venue Finder* - to learn more about education at this venue
- ▶ *Subject Finder* - to find other relevant Isle of Wight venues



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SUBJECT

Design and Technology

UNIT

Technical Knowledge

OPPORTUNITIES FOR USE

- ✗ Pre-Visit
- ✓ On-Site Activity
- ✗ Post-Visit



CURRICULUM / SYLLABUS

- ✓ NC and all exam boards

Applies to Resource numbered:

