Christ the King
Catholic Voluntary Academy

# Year 13 Learning Journey

Advent 2 (HT2) | Autumn term, second half

## How to use this document

This shows what your child is learning in each subject this half term. You do not need to read it all at once. Choose one or two subjects, read the summary together, then ask your child:

1. **What are you doing well?**
2. **What do you need to do to improve?**

Listen for specific answers rather than a general "fine".

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| **CORE SUBJECTS** | |
| **English** | A Streetcar Named Desire, The Handmaid's Tale and Feminine Gospels. Modern Times: Literature from 1945 to the Present Day. Detailed study of three texts in preparation for Paper 2. |
| **Maths** | Pure content: trigonometric identities and integration. Applied content: correlation and regression. |
| **Science** | Biology: photosynthesis and respiration, nervous coordination and muscles. Chemistry: thermodynamics, carbonyl and aromatic chemistry. Physics: capacitors. |
| **Religious Education** | Christianity: pluralism and diversity, baptism, the Eucharist and Christmas. Philosophy: Hume and Swinburne on miracles, and the problems inherent in religious language. Ethics: predestination and determinism, and what they imply. |
| **HUMANITIES AND LANGUAGES** | |
| **History** | Tudors: Mary I. Germany: The Racial State 1933 to 1939. NEA (coursework) deadlines continue. |
| **Geography** | Hazards, covering tectonics, weather and wildfires. Contemporary Urban Environments, covering urban climate, drainage and waste. |
| **French** | Literature study of No et Moi. Themes, characters, writing style and social issues. |
| **Spanish** | Immigration and racism. Racism in Spain, immigration trends, issues and politics, and multiculturalism. |
| **Psychology** | Research Methods. Investigating human behaviour. |
| **Sociology** | Theory and Methods. Researching social behaviour. |
| **CREATIVE, TECHNICAL AND PHYSICAL** | |
| **Art** | Personal Investigation (continued). Exploration and refinement of media, techniques and processes. |
| **Media Studies** | Magazines. An in depth study of the magazine industry, focusing on Vogue and The Big Issue (Component 2). |
| **Music** | Commissioned Score. Full original orchestration. |
| **Drama** | Component 2 Launch. A devised piece and a scripted extract. |
| **Technology** | Commercial Feasibility. Tooling, costs and product lifecycle. |
| **Computer Science** | Big O Complexity. Dijkstra's algorithm, A* and heuristics. |
| **Physical Education** | Sport Psychology. Leadership and stress management, followed by revision and assessment. |
| **BUSINESS AND PERSONAL DEVELOPMENT** | |
| **Business Studies** | Theme 4, Global. The global business environment. |
| **Personal Development** | PSHE: different types of loans and finance, and an introduction to student finance. Careers: UCAS references, student loans and work life balance. |