

Thames
Valley
School

CAREERS IN THE CURRICULUM



Thames Valley
School

INTRODUCTION

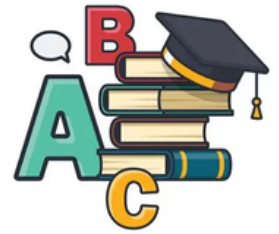


At Thames Valley School, we believe that careers learning is a shared responsibility that belongs to the whole school community—just like safeguarding and other key priorities. It is embedded across all subjects, giving pupils every opportunity to understand how the skills and knowledge they gain connect to real-world contexts and diverse career pathways.

Every curriculum area contributes to this vision by highlighting relevant progression routes and illustrating how its content supports future opportunities. This document showcases examples from each subject, offering insights into potential careers and the transferable skills that empower pupils to thrive long term.

ENGLISH

Carreers to Highlight



Career	Connection
Journalist	Research, writing, interviewing
Author	Storytelling, creativity, editing
Lawyer	Persuasion, analysis, public speaking
Marketing Executive	Copywriting, audience awareness
Publisher	Editing, project management

Skills and development

Empathy & Emotional Intelligence - Literature exposes students to diverse perspectives and experiences, helping them understand others and reflect on their own emotions

Time Management & Organisation - Planning essays, meeting deadlines, and managing reading assignments foster independence and discipline

Communication - Students learn to express ideas clearly, listen actively, and adapt their tone and style for different audiences

MATHS

Carreers to Highlight



Career	Connection
Architect	Geometry, scale, measurement
Data Analyst	Statistics, data interpretation
Financial Advisor	Percentages, interest, budgeting
Game Developer	Algorithms, logic. probability
Civil Engineer	Calculations, materials, measurements

Skills and development

Decision-Making - Whether comparing mobile phone plans or choosing the best deal at the supermarket, maths helps students weigh pros and cons

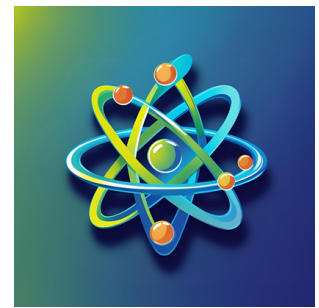
Attention to Detail - Precision in calculations and checking work fosters accuracy and thoroughness

Critical Thinking - Analysing data, evaluating options, and making informed decisions are core to maths and essential in everyday life

SCIENCE

Carreers to Highlight

Career	Connection
Biomedical Scientist	Lab work, research
Enviromental Scientist	Ecology, sustainability, fieldwork
Forensic Scientist	Chemistry, biology, investigation
Aerospace Engineer	Physics, materials, design
Phamacologist	Testing, problem solving, analytical



Skills and development

Curiosity & Inquiry - Science encourages asking “why” and “how,” fostering a mindset of lifelong learning and exploration

Collaboration - Group experiments and discussions promote teamwork, listening, and shared problem-solving

Safety Awareness - From lab protocols to understanding chemical reactions, science builds awareness of personal and environmental safety

HISTORY

Carreers to Highlight

Career	Connection
Lawyer	Argumentation, evidence analysis
Historian	Research, writing, critical thinking
Politician	Policy, historical context
Archivist	Document handling, historical records
Journalist	Research, ethics, storytelling



Skills and development

Ethical Reasoning - Discussing moral dilemmas in history—like civil rights, colonisation, or leadership decisions—helps students reflect on values and ethics.

Communication - Debating historical interpretations, writing essays, and presenting findings all sharpen verbal and written communication

Empathy & Perspective-Taking - Exploring diverse cultures, conflicts, and social movements helps students understand others’ experiences and viewpoints

GEOGRAPHY

Carreers to Highlight

Career	Connection
GIS Analyst	Mapping, spatial data, technology
Enviromental Consultant	Sustainability, impact assessments
Meteorologist	Weather systems, climate science
Diplomat	Geopolitics, cultural understanding
Disaster Response Officer	Risk analysis, global coordination



Skills and development

Critical Thinking & Decision-Making - Students evaluate data, assess environmental impacts, and make informed choices—skills vital for responsible citizenship and personal decision-making

Numeracy - Interpreting graphs, statistics, and spatial data strengthens mathematical reasoning in a practical context

Digital Literacy - Using GIS, satellite imagery, and online mapping tools builds tech-savvy learners who can navigate digital environments confidently

RELIGIOUS EDUCATION

Carreers to Highlight

Career	Connection
Civil Servant	Policy, values, public service
Teacher	Communication, cultural understanding
Chaplain	Faith, pastoral care, emotional support
Charity Worker	Compassion, ethics, global awareness
Lawyer	Truth, moral reasoning



Skills and development

Resilience & Emotional Intelligence - Learning how people cope with suffering, forgiveness, and hope helps students develop emotional maturity and strength

Self-Awareness & Reflection - Lessons often prompt students to consider their own values, beliefs, and responses to big questions about life and purpose

Cultural Literacy - Understanding global religions and worldviews fosters tolerance, respect, and the ability to thrive in diverse communities

ART AND DESIGN



Carreers to Highlight

Career	Connection
Graphic Designer	Redesign a product label or logo
Architect	Build a model and sketching
Fashion Designer	Design, create, review patters
Animator	Storyboards, animation
Curator	Panning exhibitions, showcasing work

Skills and development

Critical Thinking - Students learn to analyse, interpret, and make decisions - whether choosing colours or solving design challenges.

Perseverance and Resilience - Mistakes become part of the process. Students learn to adapt, revise and keep going when things don't turn out as planned.

Risk-Taking and Innovation - Trying new techniques or styles builds courage and a willingness to experiment.

COMPUTING



Carreers to Highlight

Career	Connection
Software Developer	Coding, debugging, teamwork
Game Designer	Creativity, logic, user experience
Data Scientist	Statistics, machine learning, analysis
Web Developer	HTML/CSS, design, accessibility
Cybersecurity Analyst	Problem-solving, ethics, data protection

Skills and development

Time Management & Organisation - Planning a project, managing deadlines, and documenting progress helps students stay organised and accountable

Digital Literacy & Online Safety - Understanding how to navigate digital tools, protect personal data, and behave responsibly online is crucial in today's connected world.

Resilience & Growth Mindset - Coding rarely works perfectly the first time. Students build perseverance by learning from mistakes and refining their approach

PHYSICAL EDUCATION



Carreers to Highlight

Career	Connection
Physiotherapist	Anatomy, injury prevention, empathy
Personal Trainer	Motivation, fitness planning, nutrition
Sports Psychologist	Mental health, focus, performance
Sports Coach	Leadership, communication, strategy
Nutritionist	Diet planning, biology, health education

Skills and development

Self-Management - Setting goals, tracking progress, and managing emotions during competition builds discipline and self-awareness

Leadership - Taking on captain roles, leading warm-ups, or mentoring peers helps students develop confidence and responsibility

Teamwork & Collaboration - Students learn to cooperate, support each other, and work toward shared goals—whether in team sports or group challenges

DRAMA



Carreers to Highlight

Career	Connection
Marketing	Audience engagement, presenting
Journalist	Interviewing, narrative building, speaking
HR Specialist	Empathy, conflict resolution
Event Planner	Organisation, improvisation, team work
Teacher	Communication, classroom presence

Skills and development

Communication - Drama sharpens verbal and non-verbal skills—students learn to express ideas clearly, listen actively, and interpret body language and tone

Creative Thinking - Drama encourages students to think outside the box, solve problems imaginatively, and explore new ideas

Decision-Making & Leadership - Students make creative choices, lead scenes, and take initiative in group projects

CATERING

Carreers to Highlight

Career	Connection
Hospitality	Management, multitasking
Nutritionist	Health, planning, communication
Event Caterer	Team coordination, presentation
Chef / Sous Ched	Creativity, precision, leadership
Food Technologist	Science, safety, innovation



Skills and development

Time Management - Planning and sequencing tasks (e.g. prepping, cooking, plating), Working to deadlines during practical lessons and being able to priorities tasks.

Health & Hygiene Awareness - Understanding food safety protocols and applying hygiene standards in real-life scenarios. Being able to manage allergies and dietary restrictions

Communication Skills - Students learn to explain processes, how to write menus or recipe instructions and ways to give and recieve constructive feedback

MUSIC

Carreers to Highlight

Career	Connection
Music Producer	Tech literacy, creativity, collaboration
Music Therapist	Empathy, communication, psychology
Music Teacher	Leadership, patience, pedagogy
Sound Engineer	Precision, problem-solving, tech skills
Composer for Media	Storytelling, emotional awarness



Skills and development

Perseverance & Resilience - Music demands patience and persistence—students learn to push through frustration and setbacks.

Problem Solving - Music challenges students to troubleshoot technical issues, interpret notation, and refine performance. They learn to analyze, adapt, and find solutions creatively

Emotional Regulation -Music offers a safe outlet for emotions and stress. Students learn to manage nerves, build confidence, and stay focused under pressure

Our curriculum in **PSHE, Life Skills,** and **Quality of Life** is designed to equip students with the essential skills for future success—both as responsible citizens and thriving professionals. Through a focus on resilience, decision-making, emotional intelligence, and career readiness, we prepare learners for the opportunities and challenges ahead
we do this by:

- **Critical Thinking & Decision-Making** - Teach students to evaluate information, weigh options, and make informed choices—essential for both civic engagement and career planning.
- **Emotional Intelligence & Resilience** - Help students manage stress, build self-awareness, and bounce back from setbacks—skills that employers and communities value deeply.-
- **Communication & Collaboration**- Develop active listening, assertiveness, and teamwork through role-play, debates, and group projects.
- **Digital Literacy & Online Responsibility** - Prepare students to navigate digital spaces safely, ethically, and effectively—vital for modern citizenship and most careers.
- **Financial Literacy & Economic Understanding** - Teach budgeting, saving, and consumer rights to help students manage personal finances and understand economic systems.
- **Career Exploration & Goal Setting** - Encourage students to reflect on their strengths, explore career sectors, and map out pathways using timelines or vision boards.
- **Citizenship & Social Responsibility** - Use real-world issues to foster empathy, activism, and understanding of laws, rights, and responsibilities.



unifrog

THE CAREERS &
ENTERPRISE
COMPANY



Skills Builder
PARTNERSHIP

For more information on the schools career
program please contact Becca Archer
becca.archer@thamesvalleyschool.org.uk