



YEAR 8

TECHNOLOGY & DIGITAL DESIGN YEAR 8 TERM PLANNER



STUDENT NAME: _____

DATE OF BIRTH: _____

YEAR LEVEL: Year 8



SUBJECT FOCUS: Develop digital literacy, problem-solving and design skills through real-world projects and independent creation.



SUBJECT GOALS:

- Use digital tools confidently and independently
- Create digital products and solutions
- Apply design thinking to solve problems
- Work collaboratively and present ideas



TERM 1
Digital Foundations & Design Thinking

WEEK	FOCUS
1	Digital systems & online safety Understanding systems, data and security
2	The design thinking process Empathise, define, ideate and plan
3	Working with design tools Canva, colour, typography and layout
4	Image & graphic design Editing images and creating graphics
5	Introduction to coding (review) Scratch refresher; sequences and loops
6	Interactive media basics Buttons, links and simple interactivity
7	Intro to web technologies HTML basics and how websites work
8	Ideas to impact Identifying problems worth solving
9	Project planning Choosing a project and planning steps
10	Reflect & review Review skills and set personal goals



TERM 2
Coding & Digital Creation

WEEK	FOCUS
1	Coding with variables Using variables to improve programs
2	Selection & conditionals If statements and decision making
3	Functions & reusable code Creating functions and procedures
4	Game design fundamentals Planning gameplay and user experience
5	Building a game (part 1) Coding core features and mechanics
6	Building a game (part 2) Adding levels, scoring and feedback
7	UI / UX basics Designing user friendly interfaces
8	User testing & feedback Testing your game and improving it
9	Data & information Collecting, storing and displaying data
10	Showcase & reflect Present your project and reflect



TERM 3
Collaboration & Digital Products

WEEK	FOCUS
1	Collaborative tools Google Workspace, sharing & permissions
2	Cloud storage & organisation Managing files and project folders
3	Multimedia production Video, audio and animation basics
4	Website development Building multi-page websites
5	Advanced web features Forms, menus, images and embeds
6	Group project planning Roles, tasks, timeline and communication
7	Create: Group project build Working together to create
8	Presentation design Slides, storytelling and visual impact
9	Rehearse & refine Practise presentations and improve
10	Present & evaluate Present your project and peer feedback



TERM 4
Real-World Tech Project & Future Ready

WEEK	FOCUS
1	Real-world problem identification Research and define a real need
2	Design a digital solution Brainstorm, plan and sketch ideas
3	Prototype development (part 1) Build the first version of your solution
4	Prototype development (part 2) Add features and test functionality
5	Testing & evaluation Collect feedback and identify issues
6	Improve & iterate Refine your solution based on testing
7	Finalise your product Polish design, content and usability
8	Pitch preparation Plan your pitch and supporting materials
9	Pitch & present Present to class / panel
10	Celebrate & reflect Reflect on learning and future goals



ABOUT THIS PLANNER:

This planner provides a clear overview of learning for each week of all four terms. Use it as a guide to structure your learning, build digital skills and create projects that solve real-world problems.



Builds digital literacy and problem-solving skills



Encourages creativity and independent thinking



Promotes collaboration and effective communication



Prepares you for future learning, careers and real-world impact



● PLAN

● LEARN

● CREATE

● COLLABORATE

● GROW

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YEAR 8 CODING & STEM

YEAR 8 TERM PLANNER



STUDENT NAME: _____

DATE OF BIRTH: _____

YEAR LEVEL: Year 8



SUBJECT FOCUS:

Build coding knowledge, computational thinking and problem-solving skills through creative projects and real-world STEM challenges.



SUBJECT GOALS:

- ✓ Develop coding and logical thinking skills
- ✓ Think critically and work independently
- ✓ Apply STEM to solve real-world problems
- ✓ Use data and technology responsibly



TERM 1

Foundations of Coding & Computational Thinking

WEEK	FOCUS
1	Intro to coding concepts Review algorithms, sequences and loops
2	Variables and data types Storing and using information
3	Input, output and operators Performing calculations in code
4	Selection and conditions Making decisions in programs
5	Functions and procedures Creating reusable code blocks
6	Data and binary basics How computers store and use data
7	STEM challenge: Build a solution Apply coding to a real-world problem
8	Data collection and analysis Using spreadsheets and simple graphs
9	Project development Plan and build your coding project
10	Reflect & review Evaluate learning and set goals



TERM 2

Programming Skills & Problem Solving

WEEK	FOCUS
1	Text-based coding introduction Python basics: print, input, variables
2	Data structures Lists, strings and simple data handling
3	Selection and logic If, elif, else and logical operators
4	Loops and iteration For and while loops in Python
5	Functions in Python Defining and using functions
6	Mini project: Code a game Build a text-based or simple game
7	Debugging and testing Finding and fixing errors
8	STEM challenge: Engineering design Solve a practical problem using code
9	Project development Build, test and improve your project
10	Showcase & reflect Present your project and reflect



TERM 3

STEM Applications & Data Exploration

WEEK	FOCUS
1	Introduction to data Types of data and where it comes from
2	Data collection methods Surveys, sensors and online sources
3	Data analysis with Python Using lists, counts and averages
4	Data visualisation Graphs and charts with Python
5	STEM challenge: Data in action Investigate a real-world dataset
6	Simulation and modelling Using code to model a system
7	Project planning Design your STEM solution
8	Build your solution Code, test and refine your project
9	Prepare your presentation Create slides and visuals
10	Present & evaluate Present your project and get feedback



TERM 4

Innovation, Projects & Real-World Impact

WEEK	FOCUS
1	Identify a real-world problem Research and define the challenge
2	Design your solution Plan the features and user experience
3	Code and build (part 1) Develop the core functionality
4	Code and build (part 2) Add features and improve usability
5	Testing and user feedback Test, collect feedback and refine
6	Finalise your solution Polish your code and documentation
7	Create impact Consider how your solution helps others
8	Pitch preparation Prepare your pitch / demo
9	Pitch and showcase Present to class or family
10	Celebrate & reflect Reflect on learning and future goals



ABOUT THIS PLANNER:

This planner provides a clear overview of learning for each week of all four terms. Use it as a guide to build your coding and STEM skills, complete engaging projects and apply your knowledge to solve real-world problems.



Builds coding skills, computational thinking and problem-solving abilities



Encourages creativity, innovation and independent learning



Promotes critical thinking, resilience and real-world application



Supports safe and responsible use of technology and data

● PLAN

● LEARN

● CREATE

● SOLVE

● GROW

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YEAR 8

BUSINESS & ENTERPRISE

YEAR 8 TERM PLANNER



STUDENT NAME: _____

DATE OF BIRTH: _____

YEAR LEVEL: Year 8



SUBJECT FOCUS:

Develop financial literacy, entrepreneurial thinking and business skills through practical projects and real-world applications.



SUBJECT GOALS:

- ✓ Make informed financial decisions
- ✓ Create and plan business ideas
- ✓ Think creatively and solve problems
- ✓ Communicate and present with confidence



TERM 1 Money & Financial Foundations

WEEK	FOCUS
1	Needs vs wants Understanding the difference and prioritising
2	Budgeting basics Creating a simple personal budget
3	Income and payment types Earning money – jobs, side hustles, passive income
4	Saving vs spending Smart choices for short and long term goals
5	Banking and financial services Accounts, cards, interest and fees
6	Financial responsibilities Understanding bills, taxes and obligations
7	Money decisions in real life Scenarios and decision-making practice
8	Financial goals Setting and tracking financial goals
9	Financial challenges Problem solving with money scenarios
10	Reflect & review Review learning and set personal goals



TERM 2 Business Concepts & Planning

WEEK	FOCUS
1	What is a business? Understanding how businesses work
2	Business ideas Brainstorming and evaluating ideas
3	Target audience Who are your customers?
4	Market research Collecting and analysing information
5	Branding basics Business name, logo and identity
6	Marketing and promotion Ways to reach and attract customers
7	Pricing strategies Setting prices for profit and value
8	Business plan outline Planning your mini business
9	Pitch your idea Present and get feedback
10	Showcase & reflect Refine your plan and set next steps



TERM 3 Creating & Developing

WEEK	FOCUS
1	Develop your product or service Turning ideas into a reality
2	Design and test Create a prototype or draft
3	Customer feedback Getting feedback and making changes
4	Improving your idea Making it better and more valuable
5	Costing your business Calculating costs and profit
6	Sourcing materials and resources Finding what you need
7	Production and preparation Build, make or prepare your product/service
8	Plan your launch Organise how you will share/sell
9	Marketing your business Create promotional materials
10	Present & evaluate Review progress and prepare to launch



TERM 4 Real-World Application & Impact

WEEK	FOCUS
1	Launch your business/project Put your plan into action
2	Selling or presenting Share, sell or pitch your product/service
3	Track income and expenses Monitor money in and money out
4	Evaluate success What worked well and what can improve?
5	Customer satisfaction Understanding customer experience
6	Community and ethics Responsible business and giving back
7	Refine and make improvements Adjust and improve your business
8	Prepare final presentation Create a presentation or showcase
9	Final presentation or market day Present to class, family or community
10	Celebrate & reflect Reflect on learning and future goals



ABOUT THIS PLANNER:

This planner provides a clear overview of learning for each week of all four terms. Use it as a guide to build financial literacy, business skills and entrepreneurial thinking through practical projects that apply to real life.



Builds financial literacy and smart money habits



Develops creativity, problem-solving and initiative



Encourages independence, teamwork and communication



Prepares you for future learning, careers and making a positive impact

● PLAN

● LEARN

● CREATE

● APPLY

● GROW

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YEAR 8

PERSONAL INTEREST PROJECTS

YEAR 8 TERM PLANNER



STUDENT NAME: _____

DATE OF BIRTH: _____

YEAR LEVEL: YEAR 8



SUBJECT FOCUS:

Encourage curiosity, independence and creativity by exploring personal interests through structured projects and reflection.



SUBJECT GOALS:

- ✔ Explore passions and develop skills
- ✔ Plan and manage projects effectively
- ✔ Create quality work and solve problems
- ✔ Reflect and share learning with others



TERM 1

Explore & Discover

Explore ideas, research interests and set project goals.



TERM 2

Plan & Create

Plan in detail and start creating or developing your project.



TERM 3

Develop & Refine

Develop your ideas further, refine your work and prepare to share.



TERM 4

Present & Share

Complete your project, present it and celebrate your achievements.

WEEK	FOCUS
1	What interests me? Brainstorm ideas and explore possibilities
2	Research and inspiration Find out more about your ideas and interests
3	Choosing a focus Select a topic that excites you
4	Research skills Use reliable sources and take notes
5	Define your project Write a project goal and key questions
6	Plan your project Create a project plan and timeline
7	Resources and tools Identify what you need to succeed
8	Organisation and time management Break tasks into steps and schedule time
9	Getting started Begin your project work
10	Review & reflect Review progress and set goals for Term 2

WEEK	FOCUS
1	Project planning Finalise your plan and milestones
2	Skill building Learn new skills to support your project
3	Collect and organise information Gather and organise your materials
4	Creating and making Work on the first part of your project
5	Problem solving Overcome challenges and find solutions
6	Project development Continue creating or building
7	Feedback and improvement Share progress and get feedback
8	Refine your work Make improvements to your project
9	Stay on track Check progress and adjust your plan
10	Review & reflect Reflect on what you have learned

WEEK	FOCUS
1	Take your project further Add more detail and depth
2	Experiment and explore Try new ideas and approaches
3	Design and creativity Improve the look, feel or structure
4	Test and evaluate Check how well your project works
5	Make improvements Refine based on testing and feedback
6	Document your journey Take notes, photos and keep records
7	Prepare your presentation Plan how you will share your project
8	Final touches Complete and polish your work
9	Rehearse and practise Practise your presentation or display
10	Review & reflect Reflect on your progress and growth

WEEK	FOCUS
1	Finalise your project Complete all parts of your project
2	Create your presentation Prepare slides, display or showcase
3	Present your project Share your learning with others
4	Answer questions Respond to feedback and questions
5	Reflect on your learning What did you enjoy? What was challenging?
6	How have I grown? Identify new skills and strengths
7	Plan your next steps What do you want to explore next?
8	Celebrate and share Display or share your project
9	Project showcase Participate in a mini-exhibition or sharing
10	Final reflection Reflect on your project and set new goals

ABOUT THIS PLANNER:

This planner helps you explore your interests in a structured way across all four terms. Use it to plan, create and reflect on projects that matter to you while building independence and confidence.



Encourages curiosity and independent learning



Builds research, planning and problem solving skills



Develops resilience, creativity and self-direction



Improves communication and presentation abilities



Creates a sense of achievement and pride in your work

● EXPLORE

● PLAN

● CREATE

● SHARE

● GROW

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YEAR 8 LIFE SKILLS

YEAR 8 TERM PLANNER



STUDENT NAME: _____ DATE OF BIRTH: _____ YEAR LEVEL: Year 8



SUBJECT FOCUS: Build essential life skills, independence and confidence through practical activities and real-world application.



- SUBJECT GOALS:**
- ✔ Develop independence and responsibility
 - ✔ Build practical everyday skills
 - ✔ Manage time, tasks and money wisely
 - ✔ Make confident, informed decisions



TERM 1
Personal Organisation & Independence

WEEK	FOCUS
1	Getting organised Set up systems that work for you
2	Time management Planning your time and priorities
3	Goal setting Short-term vs long-term goals
4	Daily routines Building habits and staying consistent
5	Managing tasks To-do lists, planners and reminders
6	Digital wellbeing Screen time balance and healthy habits
7	Personal care & health Hygiene, sleep, exercise and self-care
8	Independence at home Taking initiative and being responsible
9	Problem solving Handling challenges and asking for help
10	Review & reflect Evaluate your progress and set goals



TERM 2
Home & Everyday Skills

WEEK	FOCUS
1	Kitchen safety & basics Staying safe and using equipment
2	Cooking skills Simple, healthy meals and snacks
3	Meal planning Planning meals and making a list
4	Cleaning skills Keeping your space clean and tidy
5	Laundry & clothing care Washing, drying and ironing basics
6	Home maintenance Basic repairs and looking after things
7	Shopping smart Reading labels and comparing prices
8	Sustainable living Reduce, reuse, recycle every day
9	Hosting & hospitality Being a great guest and host
10	Review & reflect What did you learn and enjoy most?



TERM 3
Money & Life Management

WEEK	FOCUS
1	Money basics Needs vs wants and money choices
2	Budgeting Create and manage a weekly budget
3	Saving goals Why saving matters and how to start
4	Banking & digital payments Accounts, cards and online safety
5	Smart spending Comparison shopping and value for money
6	Income & earning Ways to earn money and develop skills
7	Planning ahead Events, expenses and future goals
8	Decision making Weighing up options and consequences
9	Community & giving back Helping others and being a good citizen
10	Review & reflect Track your goals and financial habits



TERM 4
Real-World Readiness & Independence

WEEK	FOCUS
1	Real-world scenarios Practice everyday situations
2	Communication skills Active listening and clear communication
3	Conflict resolution Solve problems respectfully
4	Travel & transport Public transport, maps and planning trips
5	Workplace readiness Work habits and professional behaviour
6	Health & safety First aid basics and staying safe
7	Legal & digital literacy Rights, responsibilities and online safety
8	Independence challenge Plan and complete a real-life task
9	Reflect on your growth What skills have you improved?
10	Celebrate & set goals Celebrate achievements and plan ahead



ABOUT THIS PLANNER:

This planner provides a clear overview of learning for each week of all four terms. Use it as a guide to build practical life skills, develop independence and prepare for real-world success.



Builds confidence, independence and responsibility



Develops practical skills for everyday life



Encourages good decisions and resilience



Supports organisation, time management and goal setting



Prepares you for future opportunities and success

