PYP AI LITERACY CURRICULUM MAP

ALIGNMENT

ANNUAL THEME	LESSON TOPIC	FOCUS	ATL SKILLS	LEARNER PROFILE
Year 1 **Exploring Technology & Instructions**	What are Machines & Tech? (Unplugged focus)	Identifying everyday technology (computers, tablets, simple machines). What makes something 'smart'? Following simple instructions.	Thinking, Communication	Inquirers, Knowledgeable
	Giving Clear Instructions (Unplugged)	Importance of clear steps. Sequencing actions. Acting like a 'robot'.	Communication, Self-Management	Communicators, Principled
	Helpful Tech Around Us	How technology helps us (communication, learning games, finding info with adult help). Simple 'smart' device examples (voice assistants responding).	Thinking, Social	Caring, Balanced
Year 2 **Patterns, Sorting & Simple 'Smartness'**	Finding Patterns (Unplugged)	Identifying patterns in shapes, sounds, daily routines. Why patterns are useful.	Thinking, Research	Thinkers, Inquirers
	Sorting & Grouping (Unplugged Focus)	Sorting objects by rules (color, shape, size). How computers sort information (simple idea).	Thinking, Research	Knowledgeable, Principled (fair sorting)
	What Makes Tech 'Smart'?	Simple idea of tech 'learning' (e.g., game difficulty changes). Responding to us (voice commands, simple game AI).	Thinking, Communication	Open-minded, Reflective
Year 3 **Introducing 'AI' & Digital Safety**	What is AI? (In A Simple Way)	Introducing the term "AI" as technology that can learn or act smartly. Examples in games, video recommendations.	Research, Thinking	Inquirers, Knowledgeable
	Following Digital Rules (Unplugged focus)	Importance of rules online (like classroom rules). Asking permission before clicking/sharing. Keeping passwords private (simple concept).	Self-Management, Social	Principled, Caring
	AI That Helps Us Learn	Examples of AI in educational tools (reading helpers, math games). How AI can give feedback.	Thinking, Self-Management	Balanced, Risk-takers
Year 4 **Data, Fairness & Online Interactions**	AI Learns from Examples (Unplugged focus)	Simple idea that AI learns from lots of information (like learning words from books). Importance of good examples.	Research, Thinking	Knowledgeable, Thinkers
	Is AI Fair?	Simple concept of fairness. How AI might sometimes be unfair (e.g., voice assistant not understanding everyone).	Thinking, Social	Caring, Principled
	Being Kind Online with AI	Interacting kindly with chatbots (if used). Thinking about how AI recommendations might affect feelings. Responsible sharing (asking first).	Communication, Social	Communicators, Caring
Year 5 **AI Tools, Bias & Digital Citizenship**	AI Helping with Tasks	Using simple AI tools (grammar check, predictive text, simple image tools) with guidance. Understanding AI makes mistakes.	Thinking, Self-Management	Risk-takers, Balanced
	AI & Different Perspectives (Unplugged focus)	Understanding AI learns from data, which might reflect only some views. Importance of looking for different information. Simple bias introduction.	Thinking, Research	Open-minded, Reflective
	Our Digital Footprint & AI	How our online actions create data. Simple idea of how AI uses this (recommendations). Being mindful of what we share.	Self-Management, Communication	Principled, Reflective
Year 6 **Evaluating AI, Creativity & Future Thinking**	Does AI Always Get it Right?	Critically looking at AI outputs (search results, generated text/images). Comparing AI info with other sources. Recognizing 'hallucinations'.	Research, Thinking	Knowledgeable, Thinkers
	AI as a Creative Spark (Unplugged focus)	Using AI ideas as starting points for own creative work (stories, art). Brainstorming with AI vs. creating original work.	Thinking, Communication	Communicators, Risk-takers
	AI in the Future (Simple)	Brainstorming future uses of AI (helping doctors, exploring space). Thinking about skills needed for the future (creativity, problem-solving).	Thinking, Social	Open-minded, Reflective

MYP AI LITERACY CURRICULUM MAP

ALIGNMENT

ANNUAL THEME	LESSON TOPIC	FOCUS	ATL SKILLS	LEARNER PROFILE
MYP Y1 **Introduction to AI Basics**	What is AI?	Define AI, examples in daily life (interactive), basic terminology (key terms).	Research, Thinking	Inquirers, Knowledgeable
	AI Helpers in Our Lives	Helpful AI applications (e.g., accessibility, simple chatbots), basic ethical considerations (fairness, simple data use).	Social, Communication	Caring, Thinker
	Asking Good Questions to AI	Basic prompt engineering: Importance of clarity & context in instructions; distinguishing clear vs. unclear prompts.	Communication, Self-Management	Communicators, Principled
MYP Y2 **AI Awareness and Safety**	AI Fact vs. Fiction	AI capabilities and limitations (esp. generative AI), debunking common myths, understanding AI doesn't "think" like humans.	Research, Thinking	Knowledgeable, Open-minded
	Digital Safety with AI	Privacy concerns, personal data protection, how AI tools might use their data, recognizing potential scams using AI.	Self-Management, Social	Principled, Balanced
	Creative Collaboration with AI	Using AI for creative projects (ideas, drafts), importance of attribution & correct citation format for AI assistance.	Social, Communication	Communicators, Risk-takers
MYP Y3 **AI Ethics and Critical Thinking**	Spotting AI Bias	Understanding bias in AI systems (data, algorithms), recognizing patterns, impact of bias on different groups.	Research, Thinking	Thinkers, Reflective
	AI and Information Verification	Fact-checking AI-generated content, recognizing AI hallucinations, strategies for cross-referencing with reliable sources.	Research, Communication	Principled, Knowledgeable
	Responsible AI Use in School	Academic integrity: Defining AI assistance vs. original work, appropriate use cases for assignments, review school AI policy.	Self-Management, Social	Principled, Balanced
MYP Y4 **AI as a Learning Tool**	Research Enhancement with AI	Using AI for initial research/brainstorming, critical evaluation of AI-suggested sources, knowing when not to rely solely on AI.	Research, Research, Thinking	Inquirers, Knowledgeable
	AI Prompt Engineering	Advanced prompt techniques (personas, constraints, formats), iterative refinement for better outputs, task-specific prompting.	Communication, Thinking	Communicators, Risk-takers
	AI Impact on Careers	Analyzing how AI is changing the workforce, future skills needed (adaptability, critical thinking), lifelong learning importance.	Self-Management, Social	Reflective, Open-minded
MYP Y5 **AI in Society**	AI and Global Challenges	Exploring AI solutions for major world problems (e.g., climate, health), limitations, ethical dimensions of large-scale AI.	Thinking, Social	Caring, Open-minded
	AI Guidelines and Governance	Overview of regulations, ethical frameworks, different international approaches (e.g., EU AI Act), challenges in governance.	Research, Communication, Social	Knowledgeable, Principled
	Collaborative AI Projects	Team-based application of AI (conceptual), project management considerations, ensuring ethical design from the start.	Self-Management, Social	Communicators, Balanced, Risk-takers