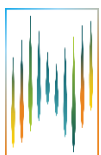


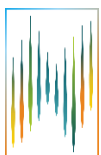
**Subject-group Overview Vertical/Horizontal Planner**  
**Subject Area: Digital Design - MYP Level: MYP1**

UNIT TITLE	Key concept	RELATED CONCEPTS	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	Summative assessment task	ATL skills/skill indicators	Content (topics, knowledge, skills)
Name tag design	Identity	Form, Perspective	Identities and relationships	Personalized name label can express your identity	A,B,C	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p> <p>Students deliver finished project file and the design as their summative assessment.</p>	Computer skills Design skills	<p>Introduction to the design cycle.</p> <p>Presentation of a vector graphic tool (gravit designer)</p> <p>Designing personalized name tags.</p>





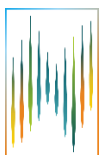
My design blog	Communication	Form, Innovation	Personal and cultural expression	New innovations are making web development easier	A,B,C,D	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p> <p>Students deliver finished project file and the design as their summative assessment.</p>	Creative thinking, Communication	<p>Learn how to use Google Sites</p> <p>Create a blog / web page about the subject. Present your work and the design cycle.</p> <p>Using evaluating tools to evaluate the blog.</p>
Storytelling	Development	Adaptation, Perspective	Identities and relationships	Programming can be adopted to its usage	A,B,C,D	Project	Creative thinking, Organization	<p>Learn how to use Scratch</p> <p>Programming basics</p> <p>Create a personal story</p>



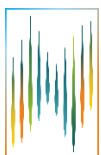
**Subject-group Overview Vertical/Horizontal Planner**  
**Subject Area: Digital Design - MYP Level: MYP2**

UNIT TITLE	Key concept	RELATED CONCEPTS	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	Summative assessment task	ATL skills/skill indicators	Content (topics, knowledge, skills)
Logo Design	Communication	Form, Sustainability	Globalization and sustainability	Creative use of symbols and graphics can communicate identity and meaning	A,B,C	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>	Creative thinking Design skills	<p>Introduction to the design cycle.</p> <p>Presentation of a vector graphic tool (gravit designer)</p> <p>Designing a logo to an imaginary company, producing sustainable products.</p>
Basic Animation	Development	Resources, Perspective	Identities and relationships	With creativity good quality products can be developed with limited resources.	A,B,C,D	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p>	Collaboration	<p>Programming basics and techniques</p> <p>Scratch programming</p>



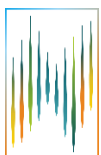


						<p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>		<p>Creating a story:</p>
Food recipe video	Communication	Ergonomics, Collaboration	Personal & Cultural Expression	Suitable working environment and correct tools will increase the quality of a product.	A,B,C,D	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>	Media literacy Creative thinking	<p>Students will research about vide recipes and create their own video.</p> <p>The video will be a receipe of a dish students will chose.</p> <p>They will collaborate in pairs: one will cook, the other will record.</p>

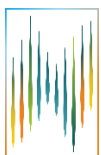


**Subject-group Overview Vertical/Horizontal Planner**  
**Subject Area: Digital Design - MYP Level: MYP3**

UNIT TITLE	Key concept	RELATED CONCEPTS	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	Summative assessment task	ATL skills/skill indicators	Content (topics, knowledge, skills)
Infographics	Communication	Adaptation, Form	Scientific and technical innovation	Designers adapt the form of a graphic in order to make it understandable and attractive to the end-user.	A,B,C	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>	Creative thinking Communication	<p>Research about a topic (Science, technology, health, cultures).</p> <p>Presentation of a vector graphic tool (gravit designer)</p> <p>Designing an infographic about the chosen topic.</p>
Web Development	Development	Collaboration, Evaluation	Scientific and technical innovation	Developing a good end-product requires good collaboration and evaluation	A,B,C,D	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p>	Creative thinking Communication	<p>Presentation of HTML and CSS: Students will learn the basics of HTML and CSS.</p>



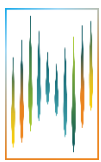
						<p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>		<p>Becoming the designer and the client: Students will design a web page to a client (another student).</p> <p>Evaluation through different feedback methods</p>
Mobile Application	Systems	Form, function	Scientific and technical innovation	Computer systems consists of functions formed in a specific way	A, B, C, D	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>	Creative thinking Transfer	<p>Learn necessary programming concepts to develop a mobile applications.</p> <p>Students will create a mobile application they already have planned in their first unit of science.</p> <p>Evaluation of the application through user tests and surveys</p>



**Subject-group Overview Vertical/Horizontal Planner**  
**Subject Area: Digital Design - MYP Level: MYP4**

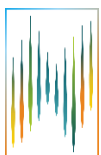
UNIT TITLE	Key concept	RELATED CONCEPTS	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	Summative assessment task	ATL skills/skill indicators	Content (topics, knowledge, skills)
Hardware Knowledge	System	Function, Perspective, Resources	Scientific and technical innovation	Different field of works utilizing different hardware in order to get the optimum outcomes	A,B,C	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>	Creative thinking Communication	Assembly Personal Computer
Visual Communication and Problem-Solving Through Graphic Design	Communication	Form, Function, Market & trends	Personal and cultural expression	To convey a message effectively we need to visualize data and communicating information clearly both aesthetic form	A,B,C,D	Students will work on a project file where they have to address each assessed criteria and objective.	Creative thinking Communication	Creating a poster





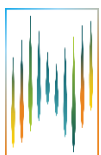
				and functionality need to go hand in hand.		The project file needs to contain detailed explanations, graphics/diagrams.  Students will also be evaluated on the technical skills required for the unit.		
Digital Video Editing & Production	Communication	Perspective, Resources	Personal and cultural expression	Persuade people perspective to bring change in their life, opinion, attitudes and thinking through mass communication and its resources by expressing ideas in a different way and convey the message through a movie.	A, B, C, D	Students will work on a project file where they have to address each assessed criteria and objective.  The project file needs to contain detailed explanations, graphics/diagrams.  Students will also be evaluated on the technical skills required for the unit.	Communication Skill, Organization Skill, Information Literacy, Creative Thinking Skill.	Produce a short movie/ video





**Subject-group Overview Vertical/Horizontal Planner**  
**Subject Area: Digital Design - MYP Level: MYP5**

UNIT TITLE	Key concept	RELATED CONCEPTS	Global context	Statement of inquiry	Objectives/Objective strands/Assessment criteria	Summative assessment task	ATL skills/skill indicators	Content (topics, knowledge, skills)
Planning The Media	Communication	Markets and trends - Perspective	Identities and relationships	Cultural identities of our audience determine how we communicate our ideas to the mass.	A,B,C	Students will work on a project file where they have to address each assessed criteria and objective.  The project file needs to contain detailed explanations, graphics/diagrams.  Students will also be evaluated on the technical skills required for the unit.	Creative thinking Communication	Media planning
Using The Media	Communities	Form, Function	Personal and cultural expression	The construction of realities in communities is also influenced by how media deliver the message.	C,D	Students will work on a project file where they have to address each assessed criteria and objective.  The project file needs to contain detailed explanations, graphics/diagrams.	Research Communication	Media Utilization



						Students will also be evaluated on the technical skills required for the unit.		
UI/UX Design for Mobile Apps	Communication	Form, Function, Innovation	Scientific and technical innovation	We need to understand the form and function of what an innovation is to better communication of conveying information.	A, B, C, D	<p>Students will work on a project file where they have to address each assessed criteria and objective.</p> <p>The project file needs to contain detailed explanations, graphics/diagrams.</p> <p>Students will also be evaluated on the technical skills required for the unit.</p>	Research, Communication, Critical Thinking, Creative Thinking, Self-Management	Designing Wireframe for Mobile Apps