

Unit Title	A Zen Garden/Wellbeing Area			
Subject group and discipline	Design: Design & Technology	MYP Year 8	3	Unit duration (hrs) 19

Inquiry: Establishing the purpose of the unit

Key concept	Related concept(s)	Global context
Communities	Function	Orientation in space and time Exploration:
Statement of inquiry		
We can adapt our local setting and community to create a functional space where we are able to orient in time and space relationships with nature, ourselves, other individuals and the greater society.		
Inquiry questions		
<p>Factual – Which modern as well as sustainable materials and components are available to us to use for buildings and landscapes design? What modelling materials are available to produce an architectural model and landscape?</p> <p>Conceptual – What makes a calming environment?</p> <p>Debatable – What cultural aspects should we incorporate?</p>		
Objectives	Summative assessment	
<p>A. Inquiring and understanding</p> <ul style="list-style-type: none"> i. Explain and justify the need for a solution ii. Develop a design brief which presents the analysis of relevant research <p>B. Developing Ideas</p>	<p>As part of this assessment, you will need to produce:</p> <p>Goal To design and make an architectural model of a Zen Garden using sustainable materials where possible.</p> <p>Role You are a designer within IVC-a design and architectural organisation and your team have been asked to research and investigate information that</p>	<p>Relationship between summative assessment task(s) and statement of inquiry:</p> <p>Students will need to use the knowledge of environmental impact on communities to adapt a product using materials and processes that</p>

<ul style="list-style-type: none"> i. Develop a design specification which outlines the success criteria for the design of a solution based on the data collected ii. Present a range of feasible design ideas, which can be correctly interpreted by others iii. Develop accurate planning drawings/diagrams and outline requirements for the creation of the chosen solution <p>C. Creating the solution</p> <ul style="list-style-type: none"> i. Construct a logical plan, which outlines the efficient use of time and resources, sufficient for peers to be able to follow to create the solution ii. Follow the plan to create the solution, which functions as intended <p>D. Evaluating</p> <ul style="list-style-type: none"> i. Describe detailed and relevant testing methods, which generate accurate data, to measure the success of the solution ii. Outline the impact of the solution on the client/target audience 	<p>will help you design and make an architectural model of a Zen Garden to be placed on IVC grounds</p> <p><u>Audience</u></p> <p>You are to create a customer profile based on the target audience that will use the Zen Garden- students, staff and members of the local community.</p> <p><u>Situation</u></p> <p><i>In recent years, there has been increasing acknowledgement of the important role mental health plays in achieving global development goals.</i></p> <p>Derived from World Health Organisation May 2022</p> <p>In acknowledgement to this we as an International IB college, we would like to contribute to creating a setting where students, staff and the local community can experience a sense of wellbeing.</p> <p><u>Purpose</u></p> <p>To create a Zen Garden that IVC students, staff and members of the local community and visitors can use to help manifest a sense of wellbeing - gaining a sense of calmness and peacefulness.</p>	<p>are used in a sustainable way around the globe.</p> <p>As part of this summative assessment, students will need to produce the following material in order to demonstrate the methods undertaken:</p> <p>Sub-task 1: Analysis of research on the impact of using fossil fuel plastics and more recent new plastics such as PLA.</p> <p>Sub-task 2: To demonstrate using sustainable materials, tools, equipment and processes to create a final 3D outcome that works</p>
<p>Approaches to learning (ATL)</p>		
<p>Researching - Research Skills - Students must research elements that are relevant to the materials and techniques Students must analyse the research and use it to create a design specification</p> <p>Self-management skills - Students must practice and apply skills using tools, equipment and processes Students must create and use systems to help manage their time effectively</p> <p>See ATL sheet for greater detail</p>		

