

Big Idea	Dates	Competencies / Content	Teaching Strategies	Material & resources	Assessment Plan
<p>Designs grows out of natural curiosity</p> <p>Skills can be developed through play.</p> <p>Technologies are tool that extend human capabilities.</p>	Term 1	<p>Ideating:</p> <ul style="list-style-type: none"> <li>Identify needs and opportunities for designing, through exploration.</li> <li>Generate ideas from their experiences and interest.</li> </ul> <p>Making:</p> <ul style="list-style-type: none"> <li>Choose tools and materials</li> <li>Use trial and error to make changes, solve problems or incorporate new ideas from self or others.</li> </ul> <p>Sharing</p> <ul style="list-style-type: none"> <li>Reflect on their ability to work effectively both as individuals and collaboratively in a group.</li> </ul>	<p>Applied skills</p> <ul style="list-style-type: none"> <li>Use materials, tools, and technologies in a safe manner in both physical and digital environments.</li> <li>Develop their skills and add new ones through play and collaborative work.</li> </ul> <p>Applied technologies:</p> <ul style="list-style-type: none"> <li>Explore the use of simple, available tools and technologies to extend their capabilities.</li> </ul>	<p>Computer lab</p> <p>Science kits</p> <p>Chrome books</p> <p>Recycled materials</p>	<p>Observation</p> <p>Class assignments</p> <p>Admit/Exit slip</p> <p>project</p>
<p>Designs grows out of natural curiosity</p> <p>Skills can be developed through play.</p> <p>Technologies are tool that extend human capabilities.</p>	Term 2	<p>Ideating:</p> <ul style="list-style-type: none"> <li>Identify needs and opportunities for designing, through exploration.</li> <li>Add to others' ideas</li> </ul> <p>Making:</p> <ul style="list-style-type: none"> <li>Choose tools and materials</li> <li>Make a product using known procedures or through modelling of others.</li> <li>Use trial and error to make changes, solve problems or incorporate new ideas from self or others.</li> </ul>	<p>Applied skills</p> <ul style="list-style-type: none"> <li>Use materials, tools, and technologies in a safe manner in both physical and digital environments.</li> <li>Develop their skills and add new ones through play and collaborative work.</li> </ul> <p>Applied technologies:</p> <ul style="list-style-type: none"> <li>Explore the use of simple, available tools and technologies to extend their capabilities.</li> </ul>	<p>Computer lab</p> <p>Science kits</p> <p>Chrome books</p> <p>Recycled materials</p>	<p>Observation</p> <p>Class assignments</p> <p>Admit/Exit slip</p> <p>project</p>

		<p>Sharing</p> <ul style="list-style-type: none"> <li>• Decide on how and with whom to share their product.</li> <li>• Demonstrate their product, tell the story of designing and making their product, and explain how their product contributes to the individual, family, community and/or environment.</li> <li>• Reflect on their ability to work effectively both as individuals and collaboratively in a group.</li> </ul>			
<p>Designs grows out of natural curiosity</p> <p>Skills can be developed through play.</p> <p>Technologies are tool that extend human capabilities.</p>	Term 3	<p>Ideating:</p> <ul style="list-style-type: none"> <li>• Identify needs and opportunities for designing, through exploration.</li> <li>• Choose an idea to pursue.</li> </ul> <p>Making:</p> <ul style="list-style-type: none"> <li>• Choose tools and materials</li> <li>• Use trial and error to make changes, solve problems or incorporate new ideas from self or others.</li> </ul> <p>Sharing</p> <ul style="list-style-type: none"> <li>• Use personal preferences to evaluate the success of their design solutions.</li> <li>• Reflect on their ability to work effectively both as individuals and collaboratively in a group.</li> </ul>	<p>Applied skills</p> <ul style="list-style-type: none"> <li>• Use materials, tools, and technologies in a safe manner in both physical and digital environments.</li> <li>• Develop their skills and add new ones through play and collaborative work.</li> </ul> <p>Applied technologies:</p> <ul style="list-style-type: none"> <li>• Explore the use of simple, available tools and technologies to extend their capabilities.</li> </ul>	<p>Computer lab</p> <p>Science kits</p> <p>Chrome books</p> <p>Recycled materials</p>	<p>Observation</p> <p>Class assignments</p> <p>Admit/Exit slip project</p>