



**ITL PUBLIC SCHOOL**  
**SUMMER ENGAGEMENT PROGRAMME -2023-24**  
**CLASS XI**  
**PHYSICS**

1	<p><b>A.</b> Final Softcopy of the CBSE Project file to be prepared, complete with the following elements</p> <ul style="list-style-type: none"> <li>• Title Page – aim of the project</li> <li>• Acknowledgement</li> <li>• Certificate</li> <li>• Index</li> <li>• Theory -with relevant graphs and examples</li> <li>• Procedure</li> <li>• Observation and Data</li> <li>• Result / Inference</li> <li>• Precautions</li> <li>• Bibliography</li> </ul> <p>* Students to utilise the time of summer vacations to do some online research, and make a project on the principle and working of ventilator, refrigerator, air conditioner, petrol, diesel engines and aero dynamics.</p>
2	<p>Think of a start up idea on sustainable development goals, design a pitch to present your idea.</p> <p>You can also make a prototype of the device that you can design to implement the idea to make it scalable.</p>