



# 'COMPACT TO IMPACT: REDUCE SPACE OCCUPIED BY WASTE'

ACTIVITY PLANNER *and* PORTFOLIO TEMPLATE

School:

Form Level:



Teacher's Names:

Students' names:



<ul style="list-style-type: none"> <li>Brainstorm and discuss ideas for design, purpose.</li> <li>Make a list of possible required resources.</li> </ul>	<ul style="list-style-type: none"> <li>Week 1 and 2</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>Decide on design, sketches, and drawings.</li> <li>Gather materials to be used.</li> </ul>	<ul style="list-style-type: none"> <li>Week 3</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>Construct device/ machine and test.</li> <li>Document process.</li> <li>Measurements: before and after the use of the device/machine, use appropriate measurements: volume, length, mass, breadth, height, time for compression of objects, number of items.</li> <li>Calculate efficiency.</li> </ul>	<ul style="list-style-type: none"> <li>Week 4, 5</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>Modify device/machine as necessary.</li> </ul>	<ul style="list-style-type: none"> <li>Week 6</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>Completion of device/machine and completion of the portfolio</li> </ul>	<ul style="list-style-type: none"> <li>Week 7 and 8</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>





## Drawings, Sketches and Photos





**Evidence of Testing (measurements taken before and after use of device/machine**

