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| Poster - Remember to Recycle Plastic! | Recycle poster, Earth day posters,  Recycling | ‘COMPACT TO IMPACT: REDUCE SPACE OCCUPIED BY WASTE’**ACTIVITY PLANNER and PORTFOLIO TEMPLATE** |
| School: |  |
| Form Level: |  |

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| **Teacher’s Names:** |  |
| **Students’ names:** |  |

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| * Category:
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| **Suggested Activities** | **Time frame** | **Status** |
| * Brainstorm and discuss ideas for design, purpose.
* Make a list of possible required resources.
 | * Week 1 and 2
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| * Decide on design, sketches, and drawings.
* Gather materials to be used.
 | * Week 3
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| * Construct device/ machine and test.
* Document process.
* 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.
* Calculate efficiency.
 | * Week 4, 5
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| * Modify device/machine as necessary.
 | * Week 6
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| * Completion of device/machine and completion of the portfolio
 | * Week 7 and 8
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|  Purpose |

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|  Drawings, Sketches and Photos |

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|  Challenges Encountered and Solutions Found |

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

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|  Recommendations for Improvement of the Final  Product |

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