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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 |  |
| * Decide on design, sketches, and drawings. * Gather materials to be used. | * Week 3 |  |
| * 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 |  |
| * Modify device/machine as necessary. | * Week 6 |  |
| * 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 FinalProduct |

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