GOALS CHECKLIST

Driving Question:

How would you develop a faster or taller roller coaster for Dolly Wood theme park?

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| Notes |

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| Date | due date | what | who | in progress | done |
| Day 1 | Day 1 | Starting Activity | All |  |  |
| Day 1 | Day 15 | Overview/goals/effort log | All |  |  |
| Day 2 | Day 2 | Roller Coaster History | All |  |  |
| Day 2 | Day 2 | KWLQ Chart for Skype chat | All |  |  |
| Day 2 | Day 2 | Reflection | All |  |  |
| Day 3 | Day 3 | Fact Sheet- favorite roller coaster | All |  |  |
| Day 4 | Day 4 | Exit Ticket |  |  |  |
| Day 5 | Day 5 | Leaky Water Bottle | Engineers |  |  |
| Day 5 | Day 5 | IDEAS DUE! | All |  |  |
| Day 5 | Day 5 | Safety and Newton’s laws reflection | Group |  |  |
| Day 6 | Day 6 | Angles/ drawings | All |  |  |
| Day 6 | Day 6 | Scale drawing activity | Group |  |  |
| Day 7 | Day 7 | Scale Drawing Rubric and Guidelines | Group |  |  |
| Day 7 | Day 7 | Ratios worksheet | All |  |  |
| Day 8 | Day 8 | Space and Money-Budget | BK/MAM |  |  |
| Day 9 | Day 9 | Materials acquisition form | M.A.M |  |  |
| Day 10 | Day 10 | Scale Drawings due | Group |  |  |
| Day 10 | Day 10 | Peer Critique of Drawings | Group |  |  |
| Day 11 | Day 11 | Materials | M.A.M |  |  |
| Day 11 | Day 11 | Model/test guide and rubric | Group |  |  |
| Day 13 | Day 13 | Test Questions | Group |  |  |
| Day 13 | Day 13 | Peer test | Group |  |  |
| Day 14 | Day 14 | Presentation Handout/ rubric | Group |  |  |
| Day 14 | Day 15 | Presentation workday | Group |  |  |
| Day 15 | Day 15 | Presentation | Group |  |  |
| Day 15 | Day 15 | Peer review-collaboration | All |  |  |
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