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| Special | Skill | Activity | Materials |
| **Math** | * Problem Solving
* Number fluency
* Number Sense
 | * Begin design process
* Prepare materials
* Sketch logo and slogan
* Begin cutting materials
* Elements of a roller coaster
 | * Project boards
* Paper plates
* Cardboard tubing
* Tongue depressors
* Foam tubing

At Alcova:* Poster board
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| **Science** | * Gravity
* Momentum
 | * Introduce momentum
* Build roller coaster
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| **Literacy** | * Procedural texts
* Compare/Contrast
 | * Finish building roller coasters =)
* Roller Coaster Box
* Logos
* Slogan
* Advertising Plan
* Compare/Contrast other game boards
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| **Technology** | * Presentation skills
* Varying perspectives
 | * Complete advertising plan
* Take pictures for game box
* Type directions for box
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