**A-Team Raceway Planning Sheet**

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| **Sketch 1** | **Why did you design your car like this?**Be sure to discuss how your design relates to the different forces that impact speed/distance. |
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| **Sketch 2** | **What did you change? Why?** |
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| **Sketch 3** | **What did you change? Why?** |
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**Speed Test**

Speed = Distance $÷$ Time

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| --- | --- | --- | --- |
| Distance Traveled | Your Time | Work | Speed (inches per second) |
| 30 inches |  |  |  |

**Distance Traveled In Race**

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**Reflection**

Did your design work the way you thought it would? Why or why not?

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Continue on to next page . . .

Explain how different forces impacted the speed and distance of your vehicle during the race.

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What changes do you plan to make to your overall design for the next race? Why?

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