Investigating Incline and Track Materials

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| **Ramp height (cm)** | **Smooth Track**  **(Distance in m and cm)** | **Rough Track**  **(Distance in m and cm)** | **Which would you want to use for the furthest distance and safest rolling? Why?** |
| **5** |  |  |  |
| **10** |  |  |
| **15** |  |  |
| **20** |  |  |
| **25** |  |  |
| **30** |  |  |

Start with either the smooth or rough track and test each incline one by one. Start the buggy in the same place each time and measure how far the buggy runs at the end of the track with a tape measure.

Record your results above so you can decide which incline and track surface will be best.