**Shum Wan Road Hill Slope Investigation**

What is the question we are going to investigate today?

What information do we need to collect to help us answer this question?

**Equipment -** Fill in the table below to record the equipment we will be using and what we will use it for today

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| **Name of equipment** | **Unit Measure** | **What we use it for** |
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**Methodology**

How will you find the information you need using the above equipment. Write out a step by step guide to simplify the process. (so that someone who has never used this equipment before could follow your method)

Research slope angles for landslides (you should already have some information from the last Shum Wan Road landslide in 1995) and comment on whether you think there will be another landslide here based on the slope angle.

Will a landslide occur again at Shum Wan Road? Give reasons for your answer

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| --- | --- | --- | --- | --- | --- |
| **Site** | **1** | **2** | **3** | **4** | **5** |
| Distance |  |  |  |  |  |
| Slope Angle |  |  |  |  |  |
| Calculated Height Gain |  |  |  |  |  |
| Total Hight from Site 1 |  |  |  |  |  |
| Calculated True Distance |  |  |  |  |  |
| Total True distance |  |  |  |  |  |

How sure can you be of your conclusion above? What could be the limitations of our study and what other factors might need to be considered if we were researching this in more detail?

**Data Collection**

**Data Presentation** (On the grid below, draw on the profile of the transect recording made by your group)

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