

- 1) **Make your predictions. Which surface do you think the coin will travel the furthest and least on, and why? Rewrite these sentences in your books and fill in the missing gaps with your predictions.**

I predict that the coin will travel the furthest on _____ because it is _____.

I predict that the coin will travel the least on _____ because it is _____.

Surface	Distance travelled (approx.)
Topic book	
Towel	
Pavement	
Bath	

- 2) **Copy this table into your book. Use this table to record the results from your experiment.**

- 3) **Rewrite these sentences and fill in the gaps with the findings of your experiment. Challenge: Write more sentences to explain the results of your experiment. Use the word bank to help you.**

Conclusion

The coin moved the least distance on _____ so the surface with the most friction is _____. The surface of the _____ is _____.

The coin moved the furthest distance on _____ so the surface with the least friction is _____. The surface of the _____ is _____.

Word bank: friction, smooth, rough, slow, fast, distance, furthest, shortest