

## Sunny day

How could you measure the height of a flagpole if the sun was shining?

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Could you use the same method if it wasn't shining? How can you create a 'shadow'?

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Your class should try both methods and graph the results.

Calculate the mean heights of each of these methods.

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Is one of these ways to measure the flagpole better than the other? Why do you think that this is the case? What errors are likely in each method?

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