

Sugar dissolving investigation report

Pupil activity

Audience: Year 5 pupils with teacher supervision

Complete each section using the samples, method and safety instructions supplied by your teacher. Do not choose or prepare hot water independently.

Question

How does the teacher-set water condition affect the time taken for sugar to dissolve?

My investigation question, using the actual class conditions: _____

Prediction

I predict sample __ will take the shortest time because _____.

Variables and fair comparison

Factor changed, as set by teacher: _____

Sugar dissolving investigation report

Result measured: _____ Unit: _____

Conditions kept the same, if the approved method allows: _____

Equipment, method and safety

Equipment supplied: _____

Teacher's approved sample labels and conditions: A _____ B _____ C _____

Method exactly as instructed: _____

Teacher's safety instructions for this practical: _____

Results

Sample	Time 1 (s)	Time 2 (s)	Time 3 (s)	Mean (s)
A				
B				
C				

Graph

Title: _____ Axis labels and units: _____

Use the grid supplied by your teacher or draw axes here: _____

Conclusion

The results show _____.

Evidence from my table: _____.

My results do / do not support my prediction because _____.

Evaluation

One limitation or source of variation: _____

One improvement for a repeat, subject to teacher approval: _____
