



P2 Crumbs, who ate the missing fruit cake

This classroom-based module encourages students and teachers to explore the use of numbers in measurement.

Preview Pages

Teacher's lesson plan

Suitable for teaching with younger age students

Crumbs, who ate the missing fruit cake

How to use this module

Photocopy required numbers of the module. Distribute to students, invite them to choose their characters and then either individually or in groups act out the roleplay and work through the discussion and activities. Use as a class lesson or within your teaching plan.

Lesson duration

One class lesson depending on objectives.

Achievement objectives

Exploring the use of numbers in society; Investigating the uses of measurements; Discussing situations which involve the use of statistics.

Characters

A class of students have measured and baked a fruit cake as part of their mathematics class. The cake goes missing so they call in Inspector Inspector and Assistant Inspector to help find the missing fruit cake.

Assessment

By performing this classroom based module students and teachers:

- are aware of measurements
- have discussed the uses of measurements.

Note

ActUp modules are fictional works. Any similarity or reference to actual events or places or products or persons, living or dead, is entirely coincidental and not intended.

SETTING: INSPECTOR INSPECTOR AND ASSISTANT INSPECTOR ARE IN THEIR OFFICE. TELEPHONE RINGS.

INSPECTOR (ANSWERS TELEPHONE) Yes.
 THREE Is that Inspector Inspector?
 INSPECTOR It is.
 THREE There's a problem.
 INSPECTOR What's the problem?
 THREE Some-one has stolen our classroom party cake.
 INSPECTOR Do you know who?
 THREE No.
 INSPECTOR Assistant Inspector and I will be there straight away.
 THREE Thank you.
 BOTH HANG UP THEIR TELEPHONES.
 FOUR Are they coming?
 THREE They're coming.
 FIVE When?
 INSPECTOR (ARRIVE) We're here now.
 FIVE That's quick.
 ASSISTANT (ARRIVE) We move fast.
 INSPECTOR Tell us what happened?
 THREE We decided to have a party.
 ASSISTANT Who for?
 FOUR Our mathematics class. We'd just finished a big project. We wanted to celebrate.
 INSPECTOR What sort of project?
 FIVE We decided to make a fruit cake.
 INSPECTOR I like fruit cake.
 ASSISTANT So do I.
 SIX So does some-one else.
 INSPECTOR What do you mean? Tell us the story from the beginning.
 ASSISTANT What happened?

Student worksheet

Discussion and activities

Students perform the play then work through some or all of the following discussion and activities, either individually or in groups.

Discussion

1. What skills and knowledge did Detective Detective use to help solve the crime?

2. Was maths important in helping solve the crime? Why?

3. How did Detective Detective use maths to help solve the crime?

4. What does measuring something mean? What did Detective Detective measure in the roleplay and why?
