

F-2: REMOTE MATHS

EDITION 16

PROBABILITY AND STATISTICS - INVESTIGATIONS

Mathematical language: chance, data, will, won't, might, certain, impossible, likely, unlikely, always, sometimes, never.

INVESTIGATION 1: PROBABILITY

PART 1: NURSERY RHYMES

Based on the nursery rhymes *Hey Diddle Diddle* and *Hickory Dickory Dock*, classify the following statements as either possible or impossible.

- Make two headings: **Possible** and **Impossible** on a large piece of paper.
- Cut up the following statements and place each of these statements under one of the headings.



The mouse ran up the clock	The little dog laughed
The clock struck one	The dish ran away with the spoon
The mouse ran down	The cow jumped over the moon
The cat and the fiddle	

PART 2: WHAT COULD IT BE? *Source: Peter Sullivan*

In this investigation you and a family member will list all the possibilities to the following question.

- I overheard my mum telling our neighbour that on the weekend we would definitely do something, but I could not hear what it was. What might it be?
- Write all of your ideas down on a piece of paper or draw a picture of these ideas.

