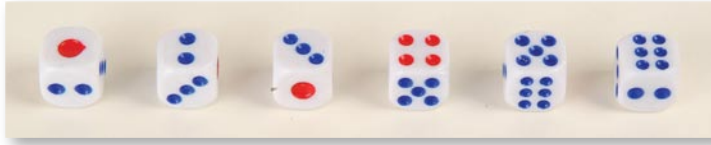## Class Activity 2

Tasks

(a) Conduct a random experiment of throwing a die with six faces for 30 times. Each face denotes the numbers 1, 2, 3, 4, 5 and 6 respectively as shown below.

(b) Copy and complete the following table with the results obtained from throwing the die.

Trial	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
Outcome										

Trial	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th
Outcome										

Trial	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th
Outcome										

(c) Represent your results by a dot diagram.

For tasks **(b)** and **(c)**, the results depend on the outcomes obtained by each student.

Questions

1. What are the possible outcomes?

The possible outcomes are 1, 2, 3, 4, 5 and 6.

2. Before a die is thrown, will you be able to predict with certainty the outcome of the throw?

No, the outcome cannot be predicted with certainty before a die is thrown.

3. In your result table, is there any trend in the outcomes?

No, there is no trend in the outcomes.

4. Find the percentage of getting a '2' in your 30 throws?

The answer depends on the actual outcomes of each student.

5. Compare and discuss your results with your classmates. What can you say about the nature of the results of throwing a die?

The results of each classmate are likely to be different. The results obtained are those of a random experiment.

6. In throwing a die, what can you say about the chance of getting a '2'?

The chance of getting a '2' is $\frac{1}{6}$.