

# Data Collection & Tables

Name:

Date:

**INQUIRY**

**NIS has students from 20+ nationalities. How would you organise a survey about screen time habits fairly?**

Discuss with your partner. Write your initial ideas below:

## Key Vocabulary

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Term	Definition
<b>Frequency table</b>	Organises data showing how often values occur.
<b>Grouped data</b>	Data sorted into class intervals (e.g. 0-9, 10-19).
<b>Two-way table</b>	Shows two categories at once.

## Part A — Frequency Tables

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1. 30 students' test scores:

45,62,78,55,91,73,84,67,58,72,88,64,76,53,95,70,82,61,77,69,85,74,66,80,59,71,87,63,79,68. Complete a grouped frequency table using intervals 40-49, 50-59, etc. [4 marks]

## Part B — Two-Way Tables

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2. NIS survey: 45 students prefer basketball, 30 prefer football. Of the basketball fans, 28 are boys. Of the football fans, 12 are girls. Complete a two-way table and find: total boys, total girls. [4 marks]