Subject	Year	Month	
Mathematics	10	November	Balcarras From strength to strength

Topic:

Tables
4 lessons

Content (Intent)

Prior Learning	Future Learning
Prior Learning Year 9 Frequency polygons from frequency tables December	**Future Learning** Year 10 Charts and graphs December Year 10 Averages February

Objectives

- Use correct notation for time, 12- and 24-hour clock and work out time taken for a journey from a timetable;
- Design and use data-collection sheets for grouped, discrete and continuous data (data to be integer and decimal values), use inequalities for grouped data, and introduce ≤ and ≥ signs;
- Sort, classify, tabulate and interpret data, both discrete and continuous quantitative data, and qualitative data;
- Construct tables for time–series data;
- Design, use and complete two-way tables for discrete and grouped data;
- From a frequency or grouped frequency table: read off frequency values, calculate the total frequency, find greatest and least values and identify the mode or modal class

Pedagogical notes (implementation)	How will understanding be assessed & recorded (Impact)
Ensure that students are given the opportunity to draw and complete two-way tables from words.	**End of half term** Dec **End of Year** Year 10 exams in April
	How can parents help at home?
	MathsWatch clips Qualification KS3: P4, S3, S4 Qualification KS4: 6a, 6b, 57, 61, 63, 65a

Further reading/discussion

Reading / Enrichment	Literacy	Numeracy Links	Careers Links
			Research analyst (medical, educational, market, management, etc.) Economist