Subject	Year	Month	
Mathematics	10	March	Balcarras *From strength to strength*

Topic:

Inequalities
2 lessons

Content (Intent)

Prior Learning	**Future Learning**
Year 10 Equations March Year 9 Solving equations and inequalities February	

Objectives

- Show inequalities on number lines;
- Write down whole number values that satisfy an inequality;
- Solve an inequality such as $-3 < 2x + 1 < 7$ and show the solution set on a number line;
- Solve two inequalities in x, find the solution sets and compare them to see which value of x satisfies both;
- Use the correct notation to show inclusive and exclusive inequalities;
- Construct inequalities to represent a set shown on a number line;
- Solve simple linear inequalities in one variable, and represent the solution set on a number line;
- Round answers to a given degree of accuracy.
- Use inequalities to describe error intervals for measures rounded in a number of ways

Pedagogical notes (implementation)	How will understanding be assessed & recorded (Impact)
Emphasise the importance of leaving their answer as an inequality (and not change to =).	**End of half term** no **End of Year** Year 10 exams in April
	How can parents help at home?
	MathsWatch clips Qualification KS3: A20a, A20b Qualification KS4: 31, 32, 90, 91, 132, 138, 139, 155

Further reading/discussion

Reading / Enrichment	Literacy	Numeracy Links	Careers Links
			Engineer Scientist Statistician Business Owner Accountancy & Finance