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

Topic:

Expanding and factorising single brackets

4 lessons

Content (Intent)

Prior Learning	**Future Learning**
Year 9 Expanding and factorising November	Year 10 Expressions & substitution November
Year 10 Algebra the basics October	Year 10 Solving equations March
	Year 11 Solving quadratic equations by factorising October

Objectives

- Multiply a single number term over a bracket;
- *NB- Expanding Double brackets is covered in Y11 in the context of solving quadratics but you may wish to take the opportunity to expand double brackets now*
- Write and simplify expressions using squares and cubes;
- Simplify expressions involving brackets, i.e. expand the brackets, then add/subtract;
- Argue mathematically to show algebraic expressions are equivalent;
- Factorise algebraic expressions by taking out common factors.

Pedagogical notes (implementation)	**How will understanding be assessed & recorded (Impact)**
Provide students with lots of practice. This topic lends itself to regular reinforcement through starters in lessons.	**End of half term** Dec **End of Year** Year 10 exams in April
	How can parents help at home?
	MathsWatch clips (Qualification KS4) 93, 94 134a, 134b, 178

Further reading/discussion

Reading / Enrichment	Literacy	Numeracy Links	Careers Links
			Maths/science teachers cryptologists astronomers chemists physicists engineer architect