Subject	Year	Month	
Mathematics	11	January	Balcarras From strength to strength

Topic:

Vectors
<div align="right">2 lessons</div>

Content (Intent)

Prior Learning	**Future Learning**
Year 10 Transformations June	

Objectives
- Understand and use column notation for vectors;
- Be able to represent information graphically given column vectors;
- Identify two column vectors which are parallel;
- Calculate using column vectors, and represent graphically, the sum of two vectors, the difference of two vectors and a scalar multiple of a vector.

Pedagogical notes (implementation)	**How will understanding be assessed & recorded (Impact)**
Students find manipulation of column vectors relatively easy compared to the pictorial and algebraic manipulation methods – encourage them to draw any vectors that they calculate on the picture.	**End of half term** no **End of Year** 2nd mocks in Feb & March
	How can parents help at home?
	MathsWatch clips **Qualification KS3:** None **Qualification KS4:** 174

Further reading/discussion			
Reading / Enrichment	**Literacy**	**Numeracy Links**	**Careers Links** Engineer Physicist Mathematician Navigation