



YEAR 11 Maths HIGHER KNOWLEDGE OVERVIEW: HALF TERM 1 SPRING 2021

Year group: 11		Unit:		Date (from and to): Term 2A January - February	
Week beginning:	Focus topic:	Learning intentions/ worksheet titles	Resources		
			Offline:	Online including links on how to access these:	
04/01/21	Surface area and volume	Week 1 - Volume of prisms - Surface area of cylinders/ prisms - Surface area/ volume of spheres - Surface area of cones	Revision notes on each key section provided within the pack. Read the revision notes. Use them to help you answer the questions on the worksheets.	www.teams.microsoft.com Lesson recordings on MS Teams (login from outlook email or download the app)	
11/01/21	Circles and sectors	Week 2 - Area of a circle - Circumference of a circle - Area and perimeter of a sector	Answers to worksheets also provided so you can check how successful you have been.	www.vle.mathswatch.co.uk Interactive self-marking homework including videos that can be found under each question to help. The homework backs up the learning in class learning. The completion of the Mathswatch tasks is compulsory, as this way the progress of each student can be seen.	
18/01/21	Circle theorems and proof	Week 3&4 - Circle theorems: discovering, using and applying - Proof of circle theorems		www.corbettmaths.com The worksheets provided in this pack are from this website. There are videos that go with each worksheet which can accessed using the QR code on the sheet or just by searching for the key words.	
01/02/21	More algebra	Week 5 - Rearranging and complex rearranging formulae - Algebraic fractions (simplifying)		www.corbettmaths.com The worksheets provided in this pack are from this website. There are videos that go with each worksheet which can accessed using the QR code on the sheet or just by searching for the key words.	
08/02/21		Week 6 - Algebraic fractions (solving) - Surds: simplifying, expanding, rationalising		www.corbettmaths.com The worksheets provided in this pack are from this website. There are videos that go with each worksheet which can accessed using the QR code on the sheet or just by searching for the key words.	