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NOTE: Links to study material, worksheets, memo's and videos will become available on this programme at the start of every two-week topic.

Week	Dates	Activity	Watch video	Print	Practise
(Send any questions to Junior Tukkies every week before Thursday 17:00)					
Functions, graphs and inverses					
Study material:					
for the Mathematics study material for the Winter school					
1 & 2	1 July – 12 July	Functions, graphs and inverses - Worksheet Functions, graphs and inverses - Memo	Watch the following videos: <ul style="list-style-type: none"> Functions, graphs and inverses - Good approach to Maths Functions, graphs and inverses - Exam type question 1 Functions, graphs and inverses - Exam type question 2 Functions, graphs and inverses - Exam type question 3 		
Saturday feedback video: 11 July Watch a video on answers to frequently asked questions					
Calculus					
3 & 4	13 July – 26 July	Calculus - Worksheet Calculus - Memo	Watch the following videos: <ul style="list-style-type: none"> Calculus - Introduction and Theory Calculus - Short method derivatives Calculus - Application to graphs 1 Calculus - Application to graphs 2 Calculus - Application to graphs 3 Calculus - Optimisation 1 Calculus - Optimisation 2 		
Feedback video's: Tuesday, 21 July 2020 Watch a video on answers to frequently asked questions 25 July 2020 Watch a video on answers to frequently asked questions					
Analytical Geometry and Trigonometry					
5 & 6	27 July – 9 Aug	Trigonometry Worksheet Memo Analytical Geometry Worksheet Memo			

		<p>Watch the following videos:</p> <ul style="list-style-type: none">  Analytical Geometry - Inclination angles  Analytical Geometry - Exam type question 1  Analytical Geometry - Exam type question 2  Trigonometry - Simplification and theory  Trigonometry - Exam type question 1  Trigonometry - Exam type question 2  Trigonometry - Proving identities  Trigonometry - Exam type question 3  Trigonometry - Exam type question 4
Euclidean Geometry		
7 & 8	10 Aug – 23 Aug	<p> Worksheet</p> <p> Memo</p> <p>Watch the following videos</p> <ul style="list-style-type: none">  Euclidean Geometry - Theory grades 8 - 11  Euclidean Geometry - Exam type question 1  Euclidean Geometry - Exam type question 2  Euclidean Geometry - Theory grade 12  Euclidean Geometry - Exam type question 3  Euclidean Geometry - Exam type question 4
Probability		
9	24 Aug – 31 Aug	<p> Worksheet</p> <p> Memo</p> <p>Watch the following videos</p> <ul style="list-style-type: none">  Probability - Theory  Probability – Grade 8 – 11 Question  Probability – Identical elements  Probability – Unique elements <p>Wednesday session: 2 September 18:00 Live session: Discussion of your questions</p>
Exam preparation		
10	31 Aug – 5 Sep	<p>Watch the following videos</p> <ul style="list-style-type: none">  How to prepare for Paper 1  How to prepare for Paper 2  Exam preparation – General tips and techniques