



AYLESFORD SCHOOL MATHEMATICS

Term: Spring | Issue 1 | Date: April 18, 2020

YEAR 9

Term 5 SOW Overview Foundation

Week 1

Area and Perimeter of 2D Shapes

Week 2

Surface Area of 3D Shapes

Week 3

Volume, Assessment & Exam Paper

Week 4

Linear Graphs and Gradients

Week 5

Equation of a Line & Quadratic Graphs

Week 6

Revision, Assessment & Exam Paper

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Term 5 SOW Overview Higher

Week 1

Plans & Elevation with Transformations

Week 2

Further Transformation

Week 3

Revision, Assessment & Exam Paper

Week 4

Bearings and Construction

Week 5

Loci

Week 6

Revision, Assessment & Exam Paper

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YEAR 8

Term 5 SOW Overview

Week 1

Fractions Operations + x / -

Week 2

Fractions with Decimals & Percentage

Week 3

Revision, Assessment & Skill Practice

Week 4

Linear Graphs and Gradients

Week 5

Calculate The Equation of Line

Week 6

Revision, Assessment & Skill Practice

Staff Contact for Year 8 Enquiries

Byron.Walker@aylesford.kent.sch.uk

YEAR 7

Term 5 SOW Overview

Week 1

Angles in Parallel Lines

Week 2

Interior and Exterior Angles

Week 3

Revision, Assessment & Skill Practice

Week 4

Introduction to Sequences

Week 5

Linear Graphs

Week 6

Revision, Assessment & Skill Practice

Staff Contact for Year 7 Enquiries

Lucy.Wood@aylesford.kent.sch.uk

HOME LEARNING

To support students with home learning, all resources and instructions for lessons this term will be on SHMW. The Maths department will be doing some interactive lessons via Zoom to give pupils examples and guidance, however pupils will need to ensure they have downloaded Zoom and checked SMHW for the timings for these sessions.

Some of the lessons will require completion of tasks on Hegarty Maths, where pupils will need to watch the video before completing the quiz but also will be able to discuss problems with teachers.

If pupils have forgotten their password, they must request to have it reset.

YEAR 10

Term 5 SOW Overview Foundation

Week 1

Area and Circumference In Terms of Pi

Week 2

Length of an Arc and Area of Sectors

Week 3

Revision, Assessment & Exam Paper

Week 4

Area and Perimeter of 2D Shapes

Week 5

Surface Area of 3D Shapes

Week 6

Volume, Assessment & Exam Paper

Staff Contact for Year 10 F Enquiries

Byron.Walker@aylesford.kent.sch.uk

Term 5 SOW Overview Higher

Week 1

Calculations with Surds

Week 2

Algebraic Fractions

Week 3

Composite Functions & Exam Paper

Week 4

Algebraic Proof

Week 5

Understanding Vectors

Week 6

Revision, Assessment & Exam Paper

Staff Contact for Year 10 H Enquiries

Olivia.Hill@aylesford.kent.sch.uk



WALL OF RECOGNITION

Below are the names of pupils nominated by our Maths department aimed at recognising Excellent work and Character over the past few weeks.

Year 7

Harry Rolfe, Izzy McNally, Grace Cooper, Ashton Parkhouse, Emma Ring, Isabelle Parkhouse, Ryan Durling, Brandon Poole, Robyn Allchorne, Max Baring, Daisy Fagg, Tabitha Goldupp, Lucy Hooper, James Morris, Gabriela Nikolova, Evie Northwood, David Watson, Oliver Tuner Flynn, Rhiannon Kenny, Joseph Vosper, Jackson Hewitt, Lille Lovell, Amirah Lake, Tom Hicks, Milly Sands, Alicai Rossi, Aiden Legett, James Bevan, Luke Northwood, Fiona Clarke

Year 8

Chloe-Nicole Hooker, William Butler, Priya Lutchman, Mitchell Bennett, Mason Maitland, Joseph Missing, Adam Harris, Lisa-Marie Carmichael, Kasia Payne

Year 9

Husna Pardis, Kate Smoker, Maisie Hunter, Poppy Leach Evans, Callum Ryan, Megan Barr, Lucy Hedge, Harley Letham-Ould, Callum Ryan, Holly Cooper, Ryan Kingswood, Morgan Kenney, Albie Zehter, Max Daczo,

Year 10

Lily Conor, Adam Blumsum, Lucy Copping Grace Lawry, Alfie Aldridge, Hannah Crehan, Milly Driscoll, Lucy Schofield, Ella Webb, Joshua Preston, Kieran Davies

Year 11

Blake Torrance, Maya Ryan, Jessica Robyn, Lucy Sewell, Lexi Rowland, Lucy Rudd, Amy Mercer, Niamh Hunt, Rebecca Polworth, Ayla Winchester, Sarah Mowbray, Harvey Jarvis, Molly Beacher, Skye Barham, Kimberley Pettit, Holly Kilpatrick, Fern Layell, Ash Scott, Hollie Ianson, Rylie Baker, Nicole Tickle

ALL REMAINING YEAR 11 PUPILS WHO HAVE WORKED HARD ALL YEAR

Year 12 and Year 13

Year 12 and 13 IB pupils have shown incredible resilience and motivation this year and we are extremely proud of the self discipline & courage you have shown.

Year 12 and 13 resit pupils have consistently produced excellent work with support to ensure all work is completed to their best ability.

For Support Email Ali.Razzak@aylesford.kent.sch.uk or Katie.James@aylesford.kent.sch.uk

OTHER ANNOUNCEMENTS

Department Statement

The Mathematics Department is incredibly proud of the character strengths our students and parents are displaying during this difficult time.

As we enter into Term 5, we have been overwhelmed by the quality and quantity of work being produced by our pupils at such a high standard.

Please continue to persevere and stay safe, we are all in this together.