**Remote learning links Year 7 Autumn Term**

**YR 7 Delta September to December**

**Unit 1**

**Data**

**Finding mean** <https://classroom.thenational.academy/lessons/finding-the-mean-ccrp8d>

**mean/mode/range** <https://classroom.thenational.academy/lessons/median-mode-and-range-6cu66r>

**comparing data** <https://classroom.thenational.academy/lessons/comparing-data-c5h32c>

**Lines of best fit** <https://classroom.thenational.academy/lessons/lines-of-best-fit-c8u3ge>

**Correlation** <https://classroom.thenational.academy/lessons/correlation-cnh6at>

**pie charts two way table**

<https://classroom.thenational.academy/lessons/draw-and-interpret-pie-charts-cmt36t?from_query=two+way+tables>

<https://classroom.thenational.academy/lessons/design-and-interpret-two-way-tables-crwp8r?from_query=two+way+tables>

**composite bar charts**

<https://classroom.thenational.academy/lessons/composite-and-multiplebarchartscmrpct/activities/1>

**Unit 2**

**Number**

**Factors multiples** <https://classroom.thenational.academy/units/factors-and-multiples-18a4>

HCF <https://classroom.thenational.academy/lessons/highestcommonfactor60w3gd?from_query=HCF>

LCM <https://classroom.thenational.academy/lessons/finding-the-lcm-74t3er?from_query=LCM>

Square/cube roots <https://classroom.thenational.academy/lessons/square-and-cube-numbers-6hjp8t?from_query=SQUARE+NUMBERS>

**Unit 3**

Equations/functions/formulae

<https://classroom.thenational.academy/units/expressions-equations-and-inequalities-7d65>

**Unit 4**

Fractions

<https://classroom.thenational.academy/units/conceptualising-and-comparing-fractions-97e4>

<https://classroom.thenational.academy/units/manipulating-and-calculating-with-fractions-7bfa>

<https://app.mymaths.co.uk/88-lesson/improper-and-mixed-fractions>

**YR 7 Theta September to December**

**Unit 10**

Transformations

<https://classroom.thenational.academy/lessons/mixed-transformations-cmrk6t?from_query=transformations>

<https://classroom.thenational.academy/units/transforming-2-d-figures-59ab>

<https://classroom.thenational.academy/units/coordinates-and-shape-4f3d>

<https://app.mymaths.co.uk/318-lesson/all-transformations>

**Unit 1**

Data

<https://app.mymaths.co.uk/366-lesson/mean-and-mode>

<https://app.mymaths.co.uk/366-lesson/mean-and-mode>

<https://classroom.thenational.academy/units/univariate-data-606c>

**Unit 2**

Number

<https://app.mymaths.co.uk/130-lesson/multiplying-by-10-and-100>

<https://app.mymaths.co.uk/71-lesson/rounding-to-10-100>

<https://app.mymaths.co.uk/203-lesson/order-of-operations>

<https://app.mymaths.co.uk/73-lesson/rounding-decimals>

<https://app.mymaths.co.uk/6294-game/square-numbers-and-square-roots-pairs-activity-1>

<https://app.mymaths.co.uk/150-lesson/squares-and-cubes>

<https://classroom.thenational.academy/units/factors-and-multiples-18a4>

<https://classroom.thenational.academy/units/positive-and-negative-numbers-6c53>

**Unit 3**

Expressions/ functions /formulae

<https://classroom.thenational.academy/units/expressions-equations-and-inequalities-7d65>

<https://app.mymaths.co.uk/202-lesson/rules-and-formulae>

**YR 7 Pi September to December**

**Unit 1**

Interpreting/ representing data

<https://classroom.thenational.academy/units/interpreting-and-presenting-data-3c56>

<https://classroom.thenational.academy/units/line-graphs-and-timetables-d842>

<https://app.mymaths.co.uk/366-lesson/mean-and-mode>

<https://app.mymaths.co.uk/366-lesson/mean-and-mode>

**Unit 2**

Adding subtracting <https://classroom.thenational.academy/units/addition-and-subtraction-48c0>

Multiply/divide

<https://classroom.thenational.academy/units/multiplication-and-division-70b8>

[https://classroom.thenational.academy/units/deriving-multiplication-and- division-facts-1216](https://classroom.thenational.academy/units/deriving-multiplication-and-%20%20%20%20division-facts-1216)

<https://classroom.thenational.academy/units/multiplication-and-division-6dbb>

<https://app.mymaths.co.uk/150-lesson/squares-and-cubes>

<https://classroom.thenational.academy/units/number-sense-and-exploring-calculation-strategies-45c6>

**Unit 10**

Transformations <https://classroom.thenational.academy/units/transformations-5c64>

<https://classroom.thenational.academy/units/coordinates-and-shape-4f3d>

<https://app.mymaths.co.uk/318-lesson/all-transformations>

**unit 8**

symmetry <https://classroom.thenational.academy/units/2-d-shape-and-symmetry-4823>

Area Perimeter <https://classroom.thenational.academy/units/area-and-perimeter-ea69>

<https://classroom.thenational.academy/units/2-d-shape-perimeter-and-area-9929>

symmetry <https://classroom.thenational.academy/units/classifying-2-d-shapes-fc45>

Remote Learning Links Y8

**Y8 Delta September to December**

Unit 5 Transformations

<https://classroom.thenational.academy/units/transforming-2-d-figures-59ab>

<https://app.mymaths.co.uk/318-lesson/all-transformations>

Unit 7 Constructions/Loci

<https://classroom.thenational.academy/units/constructions-congruence-and-loci-aafd>

<https://app.mymaths.co.uk/276-lesson/constructing-triangles>

<https://app.mymaths.co.uk/278-lesson/drawing-loci>

Unit 6 Fractions Decimals percentages

<https://classroom.thenational.academy/units/percentages-d6a2>

<https://classroom.thenational.academy/units/fdp-review-9-1a-1278>

 **Y8 Theta September to December**

Unit 10 (y7) Transformations

<https://classroom.thenational.academy/lessons/mixed-transformations-cmrk6t?from_query=transformations>

<https://classroom.thenational.academy/units/transforming-2-d-figures-59ab>

<https://app.mymaths.co.uk/318-lesson/all-transformations>

<https://classroom.thenational.academy/units/coordinates-and-shape-4f3d>

Unit 1 number

Unit 2 Area /Volume

<https://classroom.thenational.academy/units/volume-4607>

<https://app.mymaths.co.uk/268-lesson/area-of-a-triangle>

<https://app.mymaths.co.uk/334-lesson/nets-surface-area>

<https://app.mymaths.co.uk/271-lesson/area-of-a-trapezium>

<https://app.mymaths.co.uk/243-lesson/nets-of-3d-shapes>

<https://app.mymaths.co.uk/335-lesson/volume-of-cuboids>

<https://classroom.thenational.academy/lessons/decimals-and-measures-the-volume-of-cubes-and-cuboids-cdh3cr?from_query=volume+of+cuboids>

<https://classroom.thenational.academy/lessons/volume-of-cubes-and-cuboids-6hhk6r?from_query=volume+of+cuboids>

**Y8 Pi September to December**

Unit 1 number/ratio

<https://classroom.thenational.academy/units/number-sense-and-exploring-calculation-strategies-45c6>

<https://app.mymaths.co.uk/159-lesson/ratio-dividing-1>

<https://app.mymaths.co.uk/160-lesson/ratio-dividing-2>

<https://classroom.thenational.academy/lessons/ratio-and-fractions-6xjkce?from_query=ratio>

<https://classroom.thenational.academy/units/positive-and-negative-numbers-6c53>

<https://classroom.thenational.academy/units/multiplication-and-division-6dbb>

<https://classroom.thenational.academy/units/addition-and-subtraction-ec16>

Unit 10 (y7) Transformations

<https://classroom.thenational.academy/lessons/mixed-transformations-cmrk6t?from_query=transformations>

<https://classroom.thenational.academy/units/transforming-2-d-figures-59ab>

<https://app.mymaths.co.uk/318-lesson/all-transformations>

<https://classroom.thenational.academy/units/coordinates-and-shape-4f3d>

Unit 6 Angles

<https://classroom.thenational.academy/units/angles-3770>

<https://classroom.thenational.academy/units/angles-and-shape-2e85>

<https://app.mymaths.co.uk/254-lesson/measuring-angles>

<https://app.mymaths.co.uk/5775-lesson/angles-2>

<https://app.mymaths.co.uk/5792-lesson/angles-3>

<https://classroom.thenational.academy/lessons/measuring-and-drawing-angles-cnk38d?from_query=measuring+angles>

<https://classroom.thenational.academy/lessons/reading-angles-on-a-protractor-part-1-6mt3gt?from_query=measuring+angles>