

Home Learning Activities

Teachers: TGR, EST

Numeracy

Key Stage 3

2026-2027

Topic	Home Learning Activity, Intervention (or Differentiation, if needed)	Online Learning Links	SMSC
Revise Basic Numeracy (+ / - / x / ÷)		https://beastacademy.com/all-ten	
Place Value Extension: Rounding to decimal places (dp) and significant figures (sf)	Revise Basic Numeracy (+ / - / x / ÷)	https://corbettmaths.com/2019/09/26/place-value-textbook-exercise/	
Operations (+ / -) with +/- Integers Ext to Fractions and Decimals	Add / Subtract Integers	https://corbettmaths.com/2019/09/26/negatives-addition-and-subtraction-textbook-exercise/	
Operations (x / ÷) with +/- Integers Ext to Fractions and Decimals	Multiply / Divide Integers	https://corbettmaths.com/2019/09/26/multiplying-and-dividing-negatives-textbook-exercise/	
Multiples and Factors Ext to HCF and LCM	Multiples and Factors	https://corbettmaths.com/2019/09/26/multiplying-and-dividing-negatives-textbook-exercise/	
Prime Numbers Ext to Factorising	Prime Numbers	https://corbettmaths.com/2019/09/26/prime-numbers-textbook-exercise/	
BIDMAS Ext to Estimation	BIDMAS	https://corbettmaths.com/2019/09/26/order-of-operations-textbook-exercise/	
Square numbers and roots Ext to Cubes and Cube Roots	Square numbers and roots	https://corbettmaths.com/2019/09/26/square-numbers-textbook-exercise/	
Algebra: Terms, Expressions Ext to Terms, x both sides, brackets	Algebra: Terms, Expressions	https://corbettmaths.com/2019/09/18/collecting-like-terms-textbook-exercise/	
Algebra: Equations		https://corbettmaths.com/2019/09/20/solving-equations-textbook-exercise/	
Missing Angles		https://corbettmaths.com/2019/09/19/angles-textbook-exercise/	
Bearings		https://corbettmaths.com/2019/09/19/bearings-textbook-exercise/	

Circles Ext to Part Circles	Circles	https://corbettmaths.com/2019/09/19/area-of-a-circle-textbook-exercise/ https://corbettmaths.com/2019/09/19/circumference-textbook-exercise/	
Triangles		https://corbettmaths.com/2019/10/07/types-of-triangles-textbook-exercise/ https://corbettmaths.com/2019/09/19/angles-in-a-triangle-textbook-exercise/	
Time and Timetables Ext to Distance – Speed – Time	Telling the Time	https://corbettmaths.com/2019/10/10/time-calculations-textbook-exercise/ https://corbettmaths.com/2019/10/07/timetables-textbook-exercise/	
2d shapes & properties (inc. symmetry)	2d shapes & properties	https://corbettmaths.com/2019/09/16/2d-shapes-textbook-exercise/ https://corbettmaths.com/2019/10/07/line-symmetry-textbook-exercise/ https://corbettmaths.com/2019/10/07/rotational-symmetry-textbook-exercise/	
3d shapes & nets Ext to Surface Area	3d shapes & nets	https://corbettmaths.com/2019/09/16/3d-shapes-textbook-exercise/ https://corbettmaths.com/2019/09/16/nets-textbook-exercise/	
Area Ext to Compound Shapes		https://corbettmaths.com/2019/09/19/area-of-a-rectangle-textbook-exercise/ https://corbettmaths.com/2019/09/19/area-of-a-triangle-textbook-exercise/ https://corbettmaths.com/2019/09/19/area-of-compound-shapes-textbook-exercise/	
Perimeter		https://corbettmaths.com/2019/09/27/perimeter-textbook-exercise/	
Volume of cuboids and prisms	Volume	https://corbettmaths.com/2019/10/08/volume-of-a-cuboid-textbook-exercise/ https://corbettmaths.com/2019/10/08/volume-of-a-prism-textbook-exercise/	
Volume of cylinders Ext to Plans and Elevations	Volume	https://corbettmaths.com/2019/10/08/volume-of-a-cylinder-textbook-exercise/	
Fractions Ext to Mixed Numbers, Fractions of Amounts	Fractions	https://corbettmaths.com/2019/09/25/mixed-numbers-and-improper-fractions-textbook-exercise/	
Equivalent Fraction – Decimal – % Ext to Conversion	Fractions	https://corbettmaths.com/2019/09/25/equivalent-fractions-textbook-exercise/	
Percentages		https://corbettmaths.com/2019/09/27/expressing-as-a-percentage-textbook-exercise/	
Percentages Ext to Percentage Change, Decimal Multipliers	Percentages	https://corbettmaths.com/2019/09/26/percentage-change-textbook-exercise/	

Sequences Ext to nth Term	Sequences	https://corbettmaths.com/2019/10/07/sequences-textbook-exercise/ https://corbettmaths.com/2019/10/07/sequences-nth-term-textbook-exercise/	
Construction Ext to Graphs and Charts	Construction (triangles)	https://corbettmaths.com/2019/09/19/constructions-textbook-exercise/	
Loci		https://corbettmaths.com/2019/09/19/loci-textbook-exercise/	
Ratio & Proportion		https://corbettmaths.com/2019/10/07/ratio-sharing-the-total-textbook-exercise/ https://corbettmaths.com/2019/10/07/ratio-given-one-quantity-textbook-exercise/	
Ratio & Proportion Ext to 1 : n	Ratio & Proportion	https://corbettmaths.com/2019/10/07/ratio-simplifying-textbook-exercise/ https://corbettmaths.com/2019/10/04/unitary-method-textbook-exercise/ https://corbettmaths.com/2019/10/04/proportion-recipes-textbook-exercise/	
Probability		https://corbettmaths.com/2019/10/04/probability-scale-textbook-exercise/ https://corbettmaths.com/2019/09/27/probability-textbook-exercise/	
Probability Ext to Venn Diagrams	Probability	https://corbettmaths.com/2019/09/27/independent-events-textbook-exercise/ https://corbettmaths.com/2019/10/04/tree-diagrams-textbook-exercise/	
Inequalities (inc. number line) Ext to Formulae	Inequalities (inc. number line)	https://corbettmaths.com/2019/09/26/inequalities-textbook-exercise/ https://corbettmaths.com/2019/09/26/solving-inequalities-textbook-exercise/	
Averages and Range		https://corbettmaths.com/2019/09/19/averages-and-range-textbook-exercise/ https://corbettmaths.com/2019/09/19/mean-from-a-frequency-table-textbook-exercise/	
Graphs, Coordinates and Lines		https://corbettmaths.com/2019/09/20/coordinates-textbook-exercise/ https://corbettmaths.com/2019/09/26/x-and-y-graphs-textbook-exercise/	
Graphs, Coordinates and Lines Ext to Transformations (translate, rotate reflect, expand)	Graphs, Coordinates, Lines	https://corbettmaths.com/2019/09/26/equation-of-a-line-textbook-exercise/	
Gradients and $Y = mx + c$	Transformations	https://corbettmaths.com/2019/09/26/gradient-textbook-exercise/	