# Personal Learning Checklist (PLC)

| Name: |
|---|
| Subject: FOUNDATION RECALL |
| Topic/Sub-Topic: KEY EXAMINATION TOPICS |

**S** = I have Summarised ✓     **O** = I have Organised (**R**A**G** or ☺☺☺)     **R** = I have Recalled ✓     **T** = I have Tested Myself ✓

| I can … | S | O | R | T |
|---|---|---|---|---|
| Solving equations, substituting into formula | | | | |
| Calculations involving negative numbers | | | | |
| Fraction, decimals, percentages (FDP) conversion, including mixed numbers | | | | |
| Ordering fractions, decimal, percentages | | | | |
| Order of operations | | | | |
| Multiplying decimals | | | | |
| Plotting coordinates | | | | |
| Solving problems involving logic, finding best value and using algebra to help | | | | |
| Understanding vertical line graphs, bar graphs, pictograms, pie charts | | | | |
| Probability – estimating, frequency trees, tree diagrams, Venn diagrams | | | | |
| Factors, multiples, LCM, HCF, square numbers, cube numbers, reciprocals | | | | |
| Problem solving involving multiplication and division | | | | |
| Properties of shapes and solids, lines of symmetry, rotational symmetry | | | | |
| Percentages - finding of amounts, reversing an increase, compound & simple interest | | | | |
| Finding fractions of amounts (including over 1!) | | | | |
| Rounding – to check answers, finding the maximum and minimum original values | | | | |
| Using compass directions, bearings and scale | | | | |
| Ratio – simplifying, in the form 1:n, sharing, using with scale, using with similar shapes, finding missing values | | | | |
| Comparing data, using the mean | | | | |
| Create, simplify and manipulate algebraic expressions | | | | |

| Topic | | | | |
|---|---|---|---|---|
| Standard form – converting numbers, using in calculations | | | | |
| Indices – understanding how to apply all the rules | | | | |
| Rearranging equations | | | | |
| Circles – comparing areas, including semi-circles | | | | |
| Converting metric units | | | | |
| Entering complex calculations into your calculator | | | | |
| Completing bank statements | | | | |
| Angle properties of shapes – total, interior, exterior, different types of triangles, at a point | | | | |
| Linear graphs – plotting, finding where cross x & y axis, conversion graphs, y=mx+c | | | | |
| Factorise and multiply out algebraic expressions, including double brackets | | | | |
| Area of a triangles, volume of cuboids | | | | |
| Working with average speed, finding pressure given the formula, understanding density | | | | |
| Understanding the facts of direct & inverse proportion | | | | |
| Loci – construction using a pair of compasses | | | | |
| Pythagoras in an unfamiliar context, trigonometry | | | | |
| Grouped data – understanding terminology, understanding the table, finding the median class interval, estimated mean | | | | |
| Inequalities | | | | |
| Sequences – nth term | | | | |
| Plotting non-linear graphs | | | | |
| Transformations – reflection, rotation, enlargement, translation | | | | |
| Number machines | | | | |

**Remember Corbettmaths is a great place to find clips on how to do all of these topics.**

SCAN ME