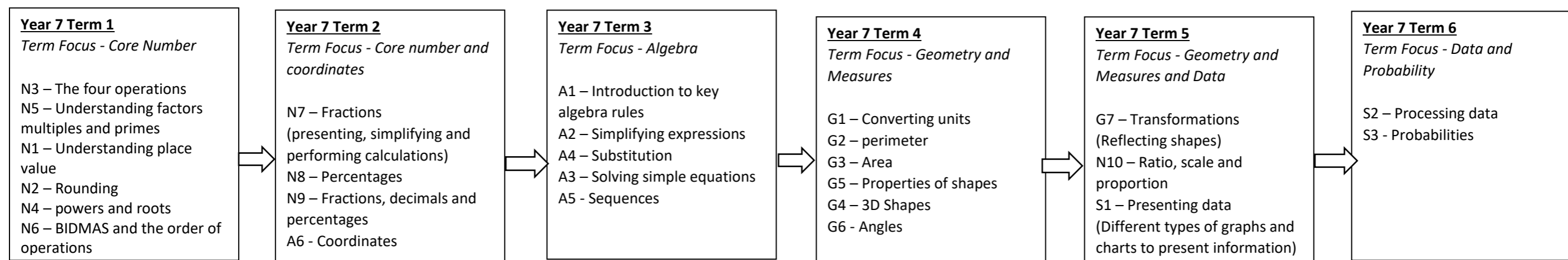


Mathematics Curriculum Map 2021

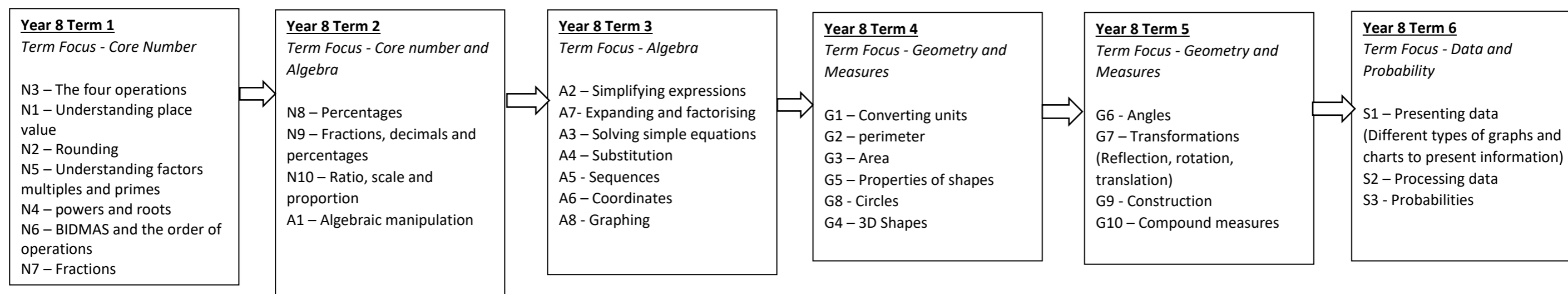
Key Stage 3:

At key stage 3 the Mathematics curriculum is taught in four key units: Number, Algebra, Geometry and Measures; and Data and Probability. These units are taught in blocks across the academic year to help develop a level of mastery within each unit. Each unit has multiple sub-topics within which comprise the overall unit. The Mathematics curriculum spirals, with each of these units and sub-topics being taught each year with new learning building on the previous year(s). As students progress through key stage 3, the level of sophistication increases and the ability to apply and synthesise their Mathematical knowledge is developed.

Year 7 - In year 7 the learning builds on core content from key stage 2 as part of the transition process whilst also introducing new concepts. By the end of year 7 students will acquire essential skills in each of the four key units.



Year 8 – In year 8 the key skills of year 7 are built upon and units/sub-topics start to become applied across the curriculum. New content is added within each sub-topic which require more advanced Mathematical skills.



Year 9 – In year 9 each unit is further developed and the students become more fluent in applying and synthesising different areas of Mathematics. New content such as quadratics (algebra) trigonometry (geometry) and histograms (data) are introduced

