Subject	**Maths**
Intent	At Chalk Hill we deliver a structured Maths curriculum that enables our students to develop functional numeracy skills and provide them with a solid foundation in number, reasoning, logic and problem solving so that they are fully prepared for life beyond school and understand that Maths is essential to everyday life. We want to develop positive, confident and resilient learners who can make connections across mathematical ideas fluently and use mathematical skills across the curriculum., for example in Science. They will recognise how maths skills can support their progress in other subjects and everyday life contexts and leave school confident that they have the basic foundations to succeed in whatever they want to do. Our curriculum has been designed to ensure all pupils, regardless of their special educational needs or disabilities, social disadvantage or academic ability are provided with the learning experiences and opportunities required to address gaps in prior learning and to make accelerated progress from their individual starting points. Our intent is that all students access a broad and balanced Maths curriculum that is both challenging and enjoyable, which enables personalised objectives to be achieved whilst broadening their positive experience approach. We want to develop an 'I can do' growth mindset towards maths. Although the programmes of study are organised into distinct units we want pupils to be able to make connections with other subjects. We set up experiences in lessons that will help pupils work from concrete situations and events to help embed skills and promote learning in and then master problem solving, trial and error and make estimations based on their knowledge of how number, shape and patterns work.
Implementation	Our Maths curriculum is broad, balanced, engaging and is highly differentiated so that it meets the individual needs of all our pupils so that they can make rapid progress. The subject content of our curriculum meets the requirements of the KS1, 2, and 3 National curriculum. Diagnostic and standardised baseline assessments are completed with each student on arrival at Chalk Hill, and then 6 monthly thereafter, alongside informally in class. Planning ensures that the lessons are sequenced and build on knowledge and skills already learnt, and provide opportunities for overlearning, repetition, concrete, pictorial, computer based learning and real life experiences, looking at bank accounts, going shopping, budgeting and planning a trip by bus or train. Every student has 5 maths lessons a week, with identified students being able to access extra support if necessary. Our Maths challenge race encourages pupils to learn their times tables and receive Bronze Silver and Gold Awards for their achievements.
Skills and Knowledge	All skills and knowledge expectations will be individualised and will be addressed to a greater or lesser extent than stated: Number and place value- addition, subtraction, multiplication and division. Recognition and use of fractions

	Measurement-including conversion between imperial and metric measurements, using scales, temperature, volume and capacity. Time and timetables. Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places Shape and Geometry Identification of 2D and 3D shapes including properties of reflection, rotation and symmetry. Recognise that shapes with the same areas can have different perimeters and vice versa Recognise when it is possible to use formulae for area and volume of shapes Calculate the area of parallelograms, triangles and rectangles Describe positions on the full coordinate grid (all four quadrants) Draw and translate simple shapes on the coordinate plane, and reflect them in the axes Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units [for example, mm³ and km³] Draw 2D shapes using given dimensions and angles Recognise, describe and build simple 3D shapes, including making nets Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles Statistics- Handling Data The ability to construct a variety of charts and tables as well as extract information presented in interpret and construct pie charts and line graphs and use these to solve problems Calculate and interpret the mean, mode, range- as an average
Social Moral spiritual cultural	Social: Collaboration, sharing and comparing work, group skills. Moral Spiritual Cultural

British Values	
ASDAN Links	Personal Finance • What money is • Managing money • Spending money • Credit and debit • Pensions, insurance, mortgages • Saving, investing and aid