**FACULTY SUMMARY**

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| **Faculty** | Maths |
| **Subject** | Mathematics |
| **Date** | December 2017 |

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| **The Danes Educational Trust**  The Danes Educational Trust comprises two schools: St Clement Danes School, an Outstanding school, and Croxley Danes School, a new secondary school which opened in September 2017 using St Clement Danes as its blueprint. In its first year of opening, Croxley Danes School is operating from within the St Clement Danes site in Chorleywood; thereafter, it will move to its permanent site in Croxley Green, 5 miles away. Dr Josephine Valentine has been Headteacher of St Clement Danes School for 20 years. She is a National Leader in Education, a DfE Advisor and will have oversight of both schools as Executive Headteacher from January 2018, at which point Mr Toby Sutherland will be come Headteacher of St Clement Danes School. Mr Stephen Thompson is Headteacher of Croxley Danes School. If appointed, you will benefit from teaching within an established, outstanding institution, whilst also contributing to the education of the first cohorts of students in a brand new school at an exciting stage in its development. |
| **The Maths Faculty**  The Maths Faculty at St Clement Danes is energetic, hard-working and high-performing: it values professionalism and challenge. Consisting of 13 teachers including a Head of Faculty and three Key Stage Coordinators, the Faculty has a broad range of experience and backgrounds, making for a supportive and aspirational professional atmosphere. Staff are actively encouraged to contribute to the life of the Faculty and to further their own professional development. St Clement Danes is characterised by its positive and rewarding relationships with students and colleagues; these underpin the ethos in Maths. |
| **Student Outcomes**  Students achieve truly outstanding outcomes in Mathematics at all key stages. In June 2017, 92% of students achieved GCSE grade 9-4 in 2017; in terms of Value Added, this places our students in the top 7th percentile nationally. 78% of students achieved grade 9-5. The results represent a progress measure of +0.43. In 2016, 90% of students achieved A\*-C, a Value Added percentile ranking of 6th. At KS5, the success continues: in 2017, 65% of students achieved A\*-B in Maths and 100% achieved A\*-B in Further Maths. This equates to a Level 3 Value Added score of +0.1 for Maths and +1.3 for Further Maths. In 2016, 75% of students achieved A\*-B in Maths and 100% achieved A\*-B in Further Maths giving Level 3 Value Added scores of +0.12 for Maths and +0.87 for Further Maths. |
| **Curriculum**  The Faculty prides itself on offering a stimulating and aspirational curriculum at all Key Stages. The KS3 Maths curriculum is designed to build on the skills embedded at KS2 and to prepare students thoroughly for their GCSE studies. At KS4, the Faculty benefits from ten teaching groups in both Year 10 and Year 11 which accommodate 210 students per cohort (seven form entry). All students work towards the Higher or Foundation linear Maths GCSE. For stretch and challenge, high-ability students also prepare for the FSMQ Additional Maths, offered by OCR. At KS5, A-level Maths and Further Maths are offered with the opportunity for the most able to prepare for MAT and STEP papers. |
| **Facilities**  As of September 2017, the Maths Faculty will be housed in a brand-new, state of the art facility. The new block comprises 8 teaching rooms, each equipped with an interactive whiteboard and a fully integrated electronic “teaching wall”. An IT suite, equipped for 30 students, will be available for use alongside banks of tablets to support independent learning. Each KS3 and KS4 Maths class has a fortnightly timetabled lesson with a bank of 30 laptops to ensure that e-learning opportunities to enhance their study of Mathematics can be fully exploited. Staff in the Maths Faculty will benefit from an open-plan office and kitchen in the new building, adjacent to the Carey building which houses the Sixth Form. There are also dedicated Maths facilities in the Sixth Form block and, from September 2017, Maths lessons for Croxley Danes students will be delivered in refurbished, permanent classrooms within the dedicated Croxley Danes School block. |
| **Extra-curricular**  The Maths Faculty run a weekly lunchtime club for KS3 students to prepare them for the Junior Maths Challenge offered by UKMT; St Clement Danes students are entered annually for the UKMT Maths Challenges at Junior (Years 7 and 8), Intermediate (Years 9, 10 and 11) and Senior (Years 11, 12 and 13) levels. In addition, the Faculty prepares groups of students for the Team Challenges. A buddying programme partners Year 12 students with Year 7s who are struggling with times tables and has a track record of significant positive impact on the Year 7s’ progress. The most able KS3 students are also sent to local and county level Mathematics master-classes. |