Numeracy Across the Curriculum

Report for Governors 09/06/16

SIP 2015-2016

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| 1.6 Ensure that students have plenty of opportunities in mathematics to solve problems so that they can develop and apply their understanding of key mathematical concepts | JKO  JP  CM | Oct |   HOD MA and AHT model maths teaching and learning and ensure that provision enables students to develop mastery in maths. *Team teaching and mini drop ins have taken place to model good practice.* | * Opportunities are increased for developing students’ mathematical skills across different subjects. Evidence in schemes for learning and lesson delivery. * Students are developing mastery in mathematics (fluency, reasoning, problem solving) as evident in lesson observations and assessment information. |

Action Plan

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| Target | Strategies | Responsibilities | Support / Resources | Monitored by | Timescale | Success Indicators |
| 1. Complete audit of Numeracy across the curriculum | * Audit completed to show coverage of content of the numeracy policy across all departments * CM to liaise with departments to ensure complete coverage of all aspects of the policy across all departments * Support given to ensure a consistent approach to numeracy across the school | * CM * DOD | Training for all staff | CM | * Year 7 Feb 16 * KS3 May 16 * All school July 16 | Audit completed by all depts.  All aspects of policy covered |
| 1. To improve students’ numeracy skills. | * Support departments in following Numeracy policy | * CM * Maths department * HODs * Teachers * Teaching assistants * SLT | Training for staff.  All staff to share good practice.  Support for HODs in developing Sfl | CM  HODs  Maths department | May 2016 | Lesson obs demonstrate numeracy objectives covered.  Department Sfls updated to show Numeracy objectives covered.  Quality of work across the curriculum (via work scrutiny)  Feedback from departments to be presented in RAP2. |
| 1. To improve transition (KS2-3) linked to numeracy standards | * Year 5 / 6 taster days. * Maths staff to visit feeder primary schools to share good practice * Develop an improved understanding of new Y6 tests. | * Maths department * CM * AM | Liaise with AM regarding dates of Y5/6 visits | CM  AM | June 2016 | Improved numeracy skills shown on Y7 baseline assessments. |
| 1. To provide strategies that enable parents / carers to support the development of numeracy skills. | * Enable parents to be able to support their children with their numeracy / homework. | * CM | Presentation to Y7 parents forum. | CM  AM | January 2015 | Parent feedback. |

Strengths

Target 1

* New policy written with support of Brian Padgett to focus on five main areas, Number and number operations, Shape and space, Measures, Algebra and Data collection and interpretation. Each of the 5 areas is divided into 4 specific objectives.
* New policy shared with Govs
* Policy shared with HODs in RAP2 (Autumn term).
* Audit of the five main areas of coverage by each department has been completed for all of KS3. All aspects of the policy are now covered. New Schemes for Learning are being developed in several departments in the school so the KS4 audit is not fully complete.
* CM has provided support where necessary to ensure complete coverage of all objectives in each of the five areas across the whole school.

Target 2

* Numeracy training for staff on Inset Day (Half term 1). Session focused on developing numeracy skills and to specify numeracy objectives covered in department Sfl.
* Staff twilight (May 16) “To develop a consistent approach to Numeracy across the school.” Main focus on number aspects of numeracy and to share how staff are to adopt a common approach in teaching these aspects of the policy.
* Formal lesson plans updated to include a section for Numeracy. Lessons must have a numeracy objective which is to be referred to by line manager/SLT in observation feedback.
* Numeracy booklet provided to staff on STB Maths department approved methods to teach numeracy.

Target 3

* Year 6 taster evening on numeracy (April 16). 40 pupils attended a numeracy event in the hall for a” Numeracy Roadshow”

Target 4

* 15 min presentation to Year 7 parents in Parents forum (HT1) to provide resources/advice to parents on how to develop pupils numeracy skills.

Next steps

* Audit of KS4 needs to be completed, an initial oversight in the plan did not account for the need to re-write Sfls in line with new curriculum. Further work is needed to ascertain when it is appropriate to complete the audit.
* Further support with departments with regard to common approaches to teaching numeracy.
* Support for TAs in common approaches to numeracy.