



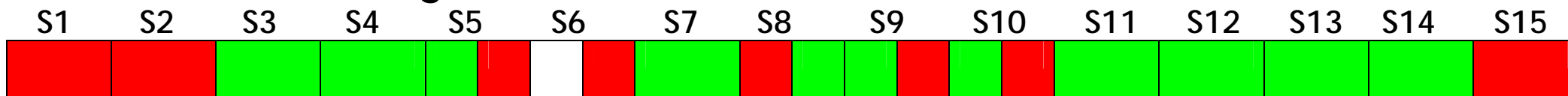
THE MEDEN SCHOOL AND TECHNOLOGY COLLEGE

A learning community with high expectations for all

Technology College Review January 2010 Phase 3

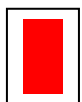
2008 – 2010

Phase Three Targets Achieved October 2010 Science



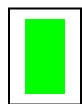
Develop the GTP scheme within Science over a three year period.

S1



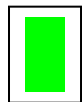
Work towards achieving level 5+ step by step increases of all pupils in year 9. (Source of data/FFT D), Highly aspirational.

S2



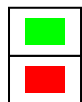
Work towards increasing A*- C percentages at key stage 4 year on year. (Source of data/FFT D), Highly aspirational.

S3



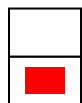
Work towards increasing or maintaining A*- G percentages at key stage 4 year on year. (Source of data/FFT D), Highly aspirational.

S4



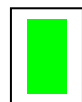
Work towards improving Pass rates at KS5 in Biology (Source of data ALIS/FFT D), Highly aspirational.

S5




Work towards improving Pass rates at KS5 in Human Biology (Source of data ALIS/FFT D), Highly aspirational.


S6

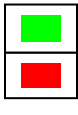



Work towards improving Pass rates at KS5 in Chemistry (Source of data ALIS/FFT D), Highly aspirational.

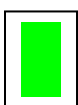
S7

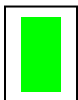
 Work towards improving Pass rates at KS5 in Physics (Source of data ALIS/FFT D), Highly aspirational.
S8


 Work towards improving Pass rates at KS5 in Psychology (Source of data ALIS/FFT D), Highly aspirational.
S9


 Work towards improving or maintaining 100% Pass rates at KS5 in Health and Social Care (Source of data ALIS/FFT D), Highly aspirational.
S10

 Introduce a new KS4 course to improve performance of pupils.
S11

 Extend triple award Science to greater numbers of pupils.
S12

 Introduce new key stage three course.
S13

 Introduce a new range of A levels into the curriculum.
S14

 Work toward in house accreditation for achievement within Science clubs.
S15

Technology College Review 2010

Science Targets

	A	NA	ON	Evidence	Where is the impact?	Value for Money
S1.				GTP in place from September 2009.	New resources and experience for students in arrange of years. Sharing of resources and new ideas with staff.	Students experience a range of teaching staff with a variety of science specialism and teaching styles. Additional support within lesson for students.
S2.				Still working towards achieving this target. Year 2009=64% Predicted for 2010= 75%	New key stage 3 course now in place throughout the key stage. Revision programme in place to support this for 2010.	Students will now be better prepared for how Science works which is experimentation based.
S3.				Predicted FFT for 2009 was 53% 2009 actual was 87%.	Students better prepared for further education courses around science. Increased CVA 2010 will see further improvement on CVA due to more students targeted for merits and distinctions	Students better prepared for further education courses around science. More students attaining higher levels at GCSE
S4.				In 2009 actual A* to G =97% Prediction for year 2010=95%	All students achieving a science qualification from a range of courses on offer	All students achieving a science qualification from a range of courses on offer
S5.				This target part achieved through the A level Biology, however the AS level was not achieved. running	A2 students have now plateaued at 100% pass rate. Stricter entry policy at AS , which will have a more positive outcome for this course in the future.	More manageable group sizes with less drop out rate.
S6.				Human Biology no longer running.		
S7.				Working towards, by staffing now being put in place. 100% achieved at AS A level pass rate achieved 75%	New staffing ,new ideas ,new teaching style and team teaching.	Students gain better grades than previous years.
S8.				Achieved 100% pass rate at AS. With expectation that this will continue at this level,however this will be delivered within the	All students on target to achieve passes at this level.	Due to lack of staffing and student numbers this is now being delivered by our

			consortium.		educational partners within the consortium. Sharing of resources and staffing with Queen Elizabeths School Mansfield.
S9.			Achieved 100% pass rate at A2 AS results expected to be greatly improved.	Stricter entry policy at AS , which will have a more positive outcome for this course in the future.	Class sizes in large numbers therefore creating the need for students options at this level.
S10.			Achieved 100% pass rate at A2 AS results expected to be greatly improved.	Stricter entry policy at AS , which will have a more positive outcome for this course in the future.	Students gain better grades than previous years.Tighter controls on coursework.
S11.			Introduced a new course in 2009 (BTEC)	Increased student grades across the hole cohort	Greater participation rates from cohort resulting in higher achievement.
S12.			Continuing to offer triple Science award to students at KS4	Students better prepared for KS5 courses.	Less drop out should give better results.
S13.			New key stage 3 course up and running	New key stage 3 course now in place throughout the key stage. Revision programme in place to support this for 2010.	Students will now be better prepared for how Science works which is experimentation based.
S14.			A new range of KS5 courses now on offer A level courses remain the same.	More students accessing KS5 courses.	More students taking science subjects at KS5
S15.			In house accreditation will now come through the STEM framework		