Maths Department

Stage 9

NΛ	test target is	At Penryn College we grade our tests 9-1 (9 is the best)
171	, test target is	At remining conege we grade our tests 3-1 (3 is the best)

In Year 10 and Year 11 students will focus on:

- Building on the Maths skills gained in year 9 in preparation for GCSE.
- Development of reasoning and communication of methods both in words and through evidence of steps of workings.
- Development of problem-solving skills through the application of mathematics.

Solving Inequalities $x \ge 4$ the closed direct means 4 is included in the solution set the	Number skills/ Inequalities Knowledge and skills		Working Towards Target	At Expected Target	Above Expected Target		Test grade
ASSESSMENT							
POINT 1	Structure of work	ings					
	Communication a	nd reasoning					
Overall unit perfo	rmance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	Completion to a high standard	learr		sn't give up
Achieved:							

5 5 5 5	Algebra: Quadratic e Pythagoras/ Sequen	A Company of the Comp	Working Towards Target	At Expected Target	Abo Expec Targ	ted	Test grade
ASSESSMENT	Knowledge and skills						
POINT 2	POINT 2 Structure of workings						
	Communication and reasoning						
Overall unit perfo	ormance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	lete HWK to a high standard		learn	sn't give up
Achieved:							-

	Algebra: Graphs/ Shape: Loci, Arc Length and Area of Sectors		Working Towards Target	At Expected Target	Above Expected Target		Test grade
ASSESSMENT POINT 3	Knowledge and sk Structure of worki Communication ar	ngs					
Overall unit perfo	Overall unit performance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard	-	to a high lear		sn't give up
Achieved:							

SOH CAH TON	Data: Probability, ALGEBRA: Simultaneous equations, Shape: Trigonometry		Working Towards Target	At Expected Target	Abo Expec Targ	ted	Test grade
ASSESSMENT	Knowledge and sk	ills					
POINT 4	Structure of work	ings					
	Communication a	nd reasoning					
Overall unit perfo	ormance						
FFL:	Meeting behaviour for learning standards	Actively engaged in the learning	Regularly complete HWK to a high standard		to a high learn		sn't give up
Achieved:							

Explanation of assessments

Judgement	Criteria: Knowledge and skills		
Working towards Knows some facts. Can have a go at using key skills.			
Expected	Knows key facts. Can use skills effectively.		
Above expected	Knows facts and can apply them. Skills used in a variety of situations to solve problems.		

Judgement	Criteria: Structure of workings
Working towards	Work is poorly organised with steps missing.
Expected	Work shows clear steps of thinking.
Above expected	Workings are detailed and enhanced by annotations where appropriate.

Judgement	Criteria: Communication and reasoning
Working towards	Occasionally participates in paired or small group discussions. Is beginning to talk about
	methods and understanding using correct Mathematical vocabulary.
Expected	Participates in paired or small group discussions. Is able to talk about methods and show
	understanding using correct Mathematical vocabulary.
Above expected	Confidently participates in paired or small group discussions. Is able to confidently talk
	about methods and shows a good understanding using correct Mathematical vocabulary.