



Course Name: MCB 4U Calculus  
Teacher: R. Ng  
Course Website: [www.myteacherpages.com/webpages/RNg1](http://www.myteacherpages.com/webpages/RNg1)  
(click on AP calculus → the topic you want)

**Topics covered in this course ( in the sequence stated)**

**Please note that when you go to Ms. Ng's website, the lesson number might not be the same for Saturday School as it is for my Day School, so click on the topic ( as stated ) rather than lesson #.**

Day	Lesson covered
Sep 16 , 2006	L1: What is Calculus all about Finding the limit by factoring Review of difference of squares, cubes
Sep 23	L2: finding the limit using the conjugate Finding the limit using u- substitution More practice on limits by factoring
Sep 30	L3: finding absolute value limits The concept of a vertical, horizontal asymptotes
Oct 14	Review of all limit concepts <b>Quiz 1 on Limits</b>
Oct 21	L4: How is the limit related to the derivative ? ( Solving for the limit by 1 <sup>st</sup> principles )  L5: Rules of the derivative ( Unit 2 ) ( Power, Chain + Product Rules )
Oct 28	L6: Rules of the derivative ( Quotient and implicit )  <b>Quiz 2 on solving for limits by 1<sup>st</sup> principles + the 1<sup>st</sup> 3 rules of the derivative</b>
Nov 4	L7: Rules of derivative ( laws of logarithms and logarithmic differentiation )  <b>Quiz 3 on quotient and implicit</b>

Day	Lesson covered
Nov 11	L8: Continuity of a function ( holes and DNE)