

Rat Race of Mathematics

Post-Secondary Math Courses

<i>Overview</i>	<ul style="list-style-type: none"> • The students will be in groups no larger than five and no less than three people. • The teams will compete with each other, to complete a series of math problems uploaded to Crocodoc¹.
<i>Objective</i>	<ul style="list-style-type: none"> • Self assess your needs as a Math student. • Work together to find the best method of quickly solving mathematical equations.
<i>Materials</i>	<ul style="list-style-type: none"> • Computer with Internet • Crocodoc • Scratch Paper to show work. • URL to their team's specific math problems (all problems will be the same, but each team has a different URL).
<i>Procedure</i>	<ul style="list-style-type: none"> • Divide the class into groups of 3-5 students each. • The groups will get 2 hours per day for five days, to "climb this ladder" of problems. • The teacher starts will send each team their specific URL to the first stage, teams will complete these problems. • The group will then have to solve this. • Once finished, the students will resend their URL to their professor so the professor it able to record the time it took and grade the responses. • If the team is correct, they will receive the next URL, if not, they are sent back to the first stage to correct their mistakes. • The process repeats until all stages have been completed.
<i>Evaluation</i>	<ul style="list-style-type: none"> • Students will be graded on who quickly they can solve the various stages. • The teams will be evaluated on how many attempts it takes to solve the problem. • The students will be accessed on how many stages they complete in the allotted time.

¹ <http://www.crocodoc.com>