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# PHYSICAL SCIENCES PAPER 2 (CHEMISTRY)

#### **GRADE 12**

# TERMS & DEFINITIONS, QUESTIONS & ANSWERS



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# **Physical Science Paper Exemplar June 24**

**JG Myers** 

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 $550 j \Delta h q$  water 550 j

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rotational kinematics in the section on uniform circular motion we discussed motion in a circle at constant speed and therefore constant angular velocity however there are times when angular velocity is not constant rotational motion can speed up

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evaluate problem solving strategies for rotational kinematics just by using our intuition we can begin to see how rotational quantities like  $\theta$   $\omega$  and  $\alpha$  are related to one another for example if a motorcycle wheel has a large angular acceleration for a fairly long time it ends up spinning rapidly and rotates through many revolutions

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