What the heck is Hendo doing here?

Studying…

Hendo’s study guide to crack NCEA

Wtf is studying?

Studying is just learning to recall information

Exams = tests of recall

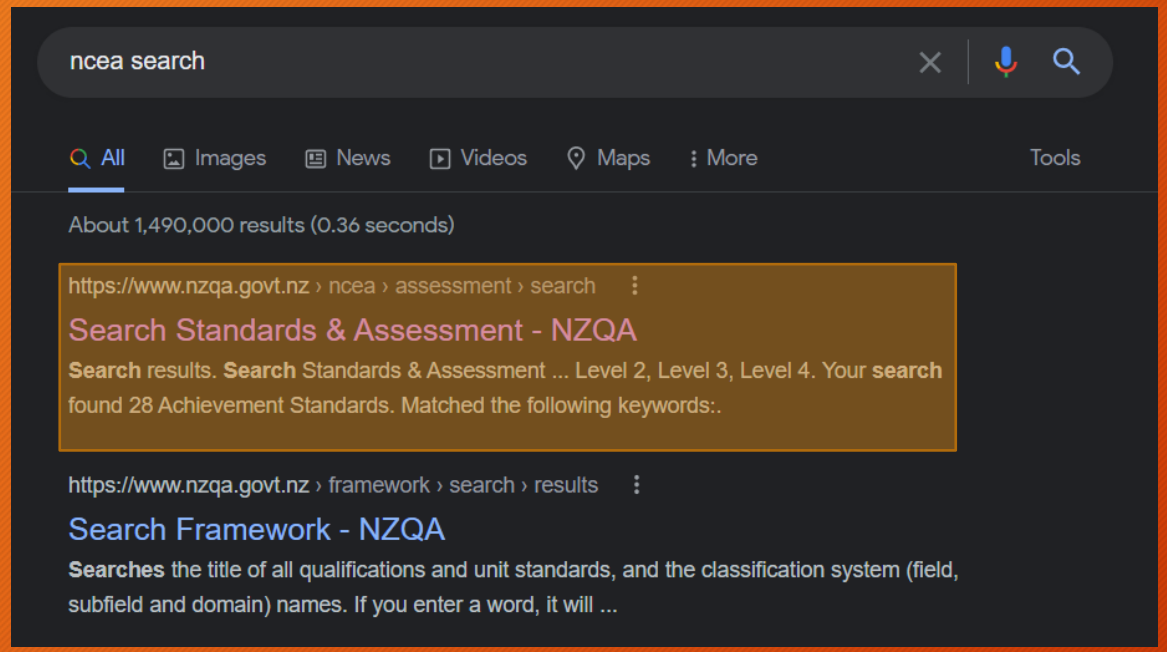
Outline of how to study:

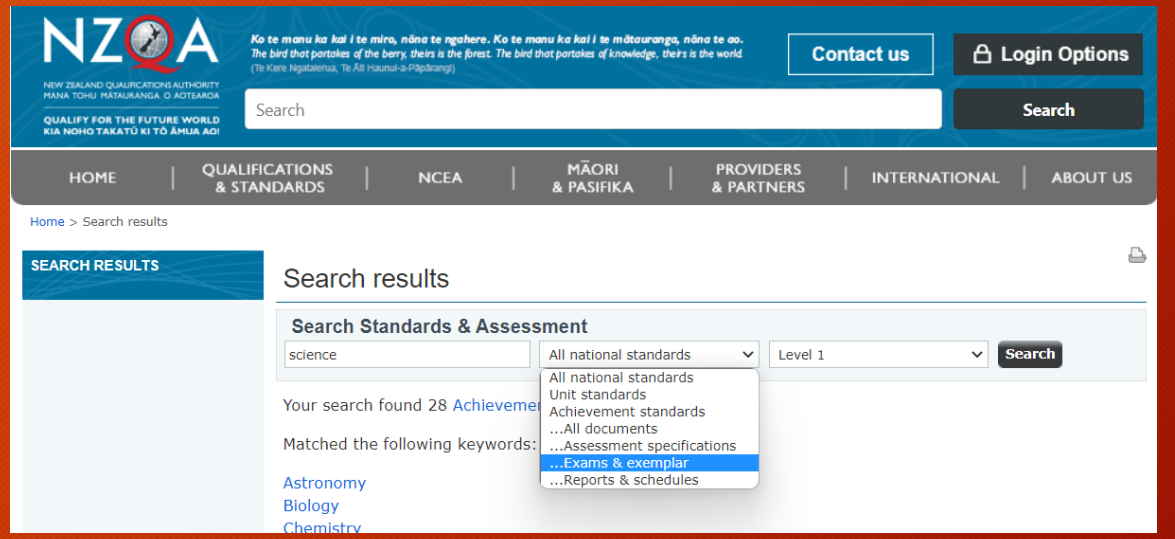
1. **What you need to know** (for the grade you want)
2. **What you already know** (and don't know!)
3. Start **increasing what you know**, testing yourself as you go.
4. Eventually you will know everything to **smash your exam**!

Step 1: figure out what you need to know

- Use the NCEA resources! (Your teachers can help you find exactly what you need!)
- Make a list of the topics/questions/skills needed
  - These are what you need to answer all the questions for the grade you want
  - A/M/E, you can go higher than you think!
- If you are confused about what will be in your exam, ask your teacher!
- Exemplars are great for showing how to answer questions.
  - Same with answer schedules.

NCEA Resources





- Select “Achievement standards” for info about what will be in the exam.
- Select “Exams & exemplar” for old exam papers, answer sheets, and exemplar answers.

Working through an Achievement Standard

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Achievement Standard

Subject Reference	Science 1.5				
Title	Demonstrate understanding of aspects of acids and bases				
Level	1	**Credits**	4	**Assessment**	External
Subfield	Science				
Domain	Science - Core				
Status	Registered	**Status date**	30 November 2010		
Planned review date	31 December 2020	**Date version published**	20 November 2014		

3 *Demonstrate in-depth understanding* typically involves explaining aspects of acids and bases. This may require explanations that use chemistry vocabulary, symbols and conventions (including names and formulae) and writing word equations or completing given symbol equations.

4 *Demonstrate comprehensive understanding* typically involves linking aspects of acids and bases. It may involve explaining, elaborating, justifying, relating, evaluating, comparing and contrasting, or analysing. This may require the use of chemistry vocabulary, symbols and conventions (including names and formulae), and writing balanced symbol equations.

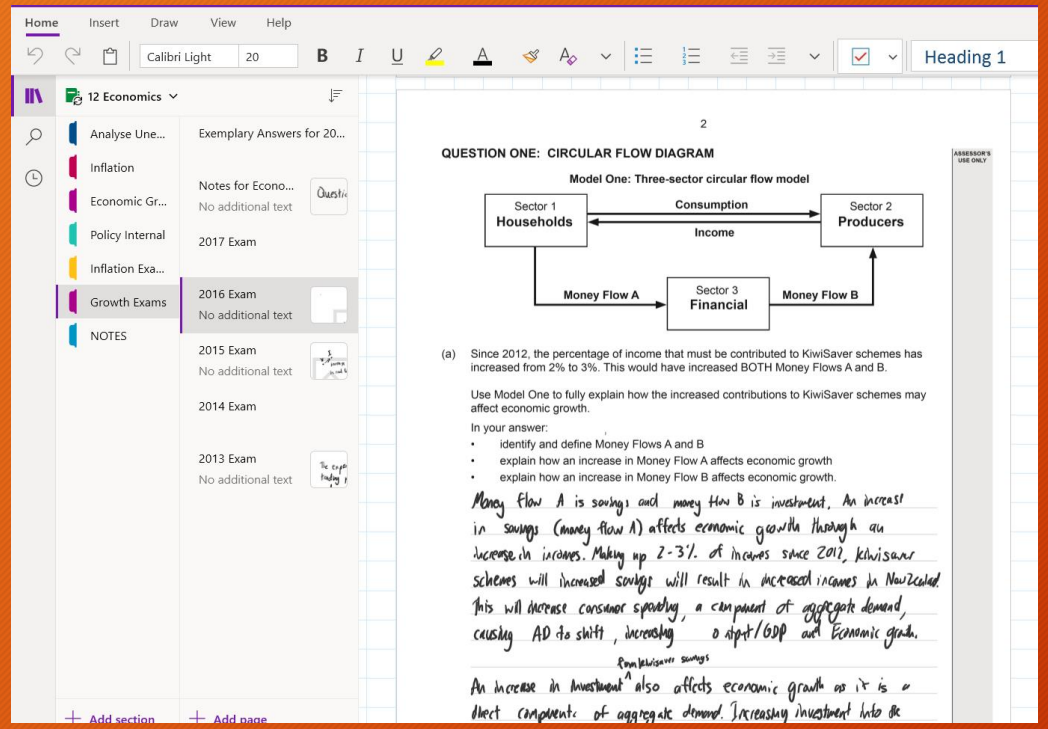
5 *Aspects of acids and bases* will be selected from:

- Atomic structure
  - electron arrangement of atoms and monatomic ions of the first 20 elements (a periodic table will be provided)
  - ionic bonding
  - names and formulae of ionic compounds using a given table of ions.
- Properties
  - acids release hydrogen ions in water
  - reactions (of acids with bases) to form salts
  - pH and effects on indicators.
- Rates of reaction and particle theory.
- Uses
  - neutralisation
  - carbon dioxide formation
  - salt formation.

6 *Acids and bases* are restricted to HCl, H_2SO_4, HNO_3, metal oxides, hydroxides, carbonates and hydrogen carbonates. Other acids may be included in examination questions. The names and formulae of any such acids will be given in the question.

7 Assessment Specifications for this achievement standard can be accessed through the Science Resources page found at www.nzqa.govt.nz/ncea/resources.

OneNote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2016 Exam
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2015 Exam
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2014 Exam
2013 Exam
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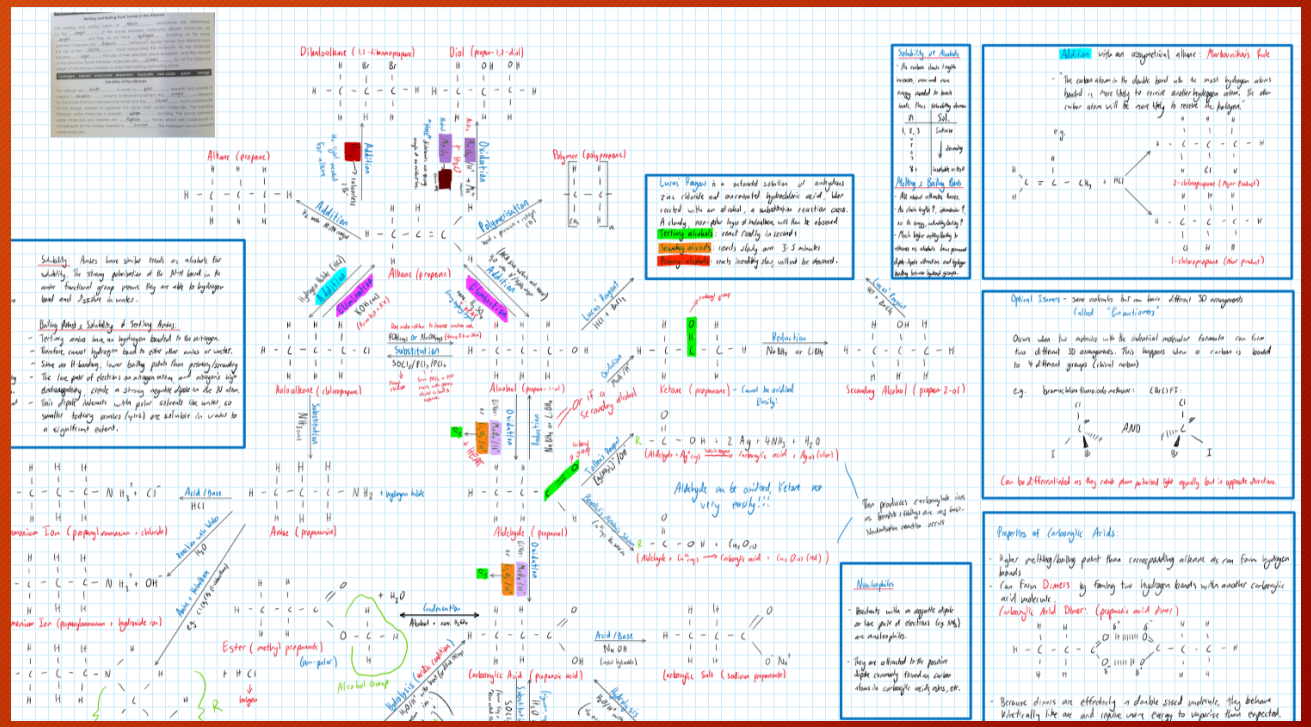
2
QUESTION ONE: CIRCULAR FLOW DIAGRAM
Model One: Three-sector circular flow model
Sector 1
Households
Consumption
Income
Sector 2
Producers
Money Flow A
Sector 3
Financial
Money Flow B
(a) Since 2012, the percentage of income that must be contributed to KiwiSaver schemes has increased from 2% to 3%. This would have increased BOTH Money Flows A and B.
Use Model One to fully explain how the increased contributions to KiwiSaver schemes may affect economic growth.
In your answer:
identify and define Money Flows A and B
explain how an increase in Money Flow A affects economic growth
explain how an increase in Money Flow B affects economic growth.
Money flow A is savings and money flow B is investment. An increase in savings (money flow A) affects economic growth through an increase in incomes. Making up 2-3% of incomes since 2012, kiwisaver schemes will increased savings will result in increased incomes in New Zealand. This will increase consumer spending, a component of aggregate demand, causing AD to shift, increasing GDP and Economic growth.
from kiwisaver savings
An increase in investment also affects economic growth as it is a direct component of aggregate demand. Increasing investment into the



Step 2: Figure out what you already know

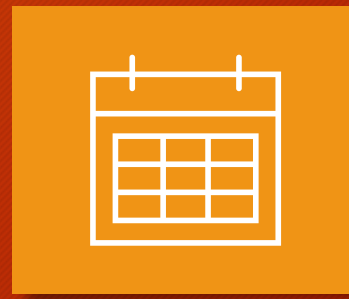
- Try and work through an old exam as best you can.
  - Save doing the 2021/2020 papers until actual exams
- If you get stuck, write down what you are confused about for later.
- Mark yourself HARSHLY.
  - Give feedback like a teacher would.
  - Nit-pick all the details you need to improve on!
  - Ask your teacher for advice on marking yourself!
- Make a list of what you need to learn. Compare it to the list you made earlier!
  - Goal is to make this list as small as possible to smash your exam!

Step 3: Increasing what you know!

- Keep working through past papers
  - Continuously update the list of what you don't know/need to work on
- Use resources to help learn the things you don't know
  - In class notes
  - Your teachers
  - Books
    - SciPads, text books etc.
  - Online resources
    - YouTube
    - LearnCoach
    - Khan Academy
    - EP

Step 4: Smash your exam!!

How to organise your study



- Make a list of all the exam papers you are taking
- Complete steps 1 and 2 for each of them
  - This will tell you what ones need the most attention
- Make a table for how prepared you are for each exam.
  - Be honest with yourself!
- Make a calendar with each of your exam dates
  - Do this for both your practice exams and end of year ones

Here are some of mine:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31 SCHOLARSHIP REVISION	01 SCHOLARSHIP REVISION	02 SCHOLARSHIP REVISION	03 SCHOLARSHIP REVISION	04 FLY TO AUCKLAND	05	06
07 PRIZEGIVING	08 SCHOLARSHIP REVISION	09 SCHOLARSHIP REVISION	10 SCHOLARSHIP REVISION	11 SCHOLARSHIP REVISION	12 REST DAY, MOW LAWNS	13 SCHOLARSHIP REVISION
14 SCHOLARSHIP REVISION	15 SCHOLARSHIP REVISION	16 LAST DAY	17 SCHOLARSHIP REVISION	18 SCHOLARSHIP REVISION	19 SCHOLARSHIP REVISION	20 SCHOL CALC REVISION
21 SCHOLARSHIP CALCULUS	22 SCHOL STAT/ECO/PHYSICS REVISION	23 SCHOL STAT/ECO/PHYSICS REVISION	24 SCHOL STATS REVISION	25 SCHOLARSHIP STATISTICS	26 MOW LAWNS LEAVERS DINNER	27 SCHOL ECO/PHYSICS REVISION
28 SCHOL ECO/PHYSICS REVISION	29 SCHOLARSHIP ECONOMICS	30 SCHOLARSHIP PHYSICS	01 CHEMISTRY REVISION	02 L3 CHEMISTRY EXAM	03 REST DAY+ ECO/PHYSICS REVISION	04 ECO/PHYSICS REVISION
05 ECO/PHYSICS REVISION	06 ECO/PHYSICS REVISION	07 L3 PHYSICS EXAM	08 ECO REVISION	09 L3 ECONOMICS EXAM, FLY TO AUCKLAND	10	11

I put what I had on each day, then allocated study.
Use your study break to study!!!

Add header

Subject and Paper	Score										Comment
Scholarship Calculus	1	2	3	4	5	6	7	8	9	10	
Waves	1	2	3	4	5	6	7	8	9	10	
Mechanics	1	2	3	4	5	6	7	8	9	10	
Electricity	1	2	3	4	5	6	7	8	9	10	
Sturcture and Bonding	1	2	3	4	5	6	7	8	9	10	
Organic Chemistry	1	2	3	4	5	6	7	8	9	10	
Scholarship Statistics	1	2	3	4	5	6	7	8	9	10	
Inflation	1	2	3	4	5	6	7	8	9	10	
Economic Growth	1	2	3	4	5	6	7	8	9	10	
Integration	1	2	3	4	5	6	7	8	9	10	
Concepts	1	2	3	4	5	6	7	8	9	10	
Distributions	1	2	3	4	5	6	7	8	9	10	
Stat Reports	1	2	3	4	5	6	7	8	9	10	

These scores represented how prepared I felt.
I updated these after I studied each paper.

Now you know what to study… how do you study?

- Create a study space
  - No distractions, definitely no phones!
- Break up your study
  - Set times for study, and times for break.
  - As soon as the clock hits study time… study ffs!
- Don’t burn out too early
  - Practice exams are a great opportunity to see what you need to improve on
  - No need to burn yourself out before the real ones
- Studying is a skill, it takes practice!
  - You won’t be able to study for 3 hours straight. Break it up.
  - Keep on working to improve your focus and build your skills up!

Now go out and smash it!

Don’t be afraid to put in the work.

Hold yourself accountable.

The rewards are so so worth it!

Feel free to contact me after this.

I will be sending an email that has everything from this presentation and more!

Cheers lads.