

Lesson Planning: Planning For Success

Dorje Gurung, ScD (h.c.)
Education Program Director



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Recap Day 1

- Topic 1:
 - What is education?
- Topic 2:
 - What is secondary education?

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Recap Day 2

- Topic 1:
 - What is Science education?
- Topic 2:
 - Why create a curriculum design?

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Lesson Plan

Main challenge

- inciting interest/curiosity and sustaining that

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Lesson Plans

- Follow from curriculum design (plan)
- A check on whether you are following through with your curriculum design
- A check on whether the curriculum design needs modifications/ improvements
- Help track syllabus-coverage progress
- A check on, and help track, progress with addressing goals and objectives of the subject

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Why Plan A Lesson?

- Forces one to think carefully about what one is teaching and why
- Helps one organize thoughts, ideas and the teaching program
- Provides focus to students and helps them orient themselves
- Helps with improvement of delivery of the same materials the next time around

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Contents of a Lesson Plan

- Recap of the last lesson (or lessons) as it (they) relate to the current lesson – assessing and reinforcing prior knowledge
- Objectives
 - Concepts and skills to be covered
 - Activities to be conducted
- Basic timeline or sequence of the activities

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What I Used to Do...

- To grab students' attention to incite interest in/curiosity for and to sustain that:
 - Topic introduction presentations example: [Bonding](#)
 - Discrepant events – you'll be introduced to at least a few in part 2
 - Lessons plans: you've already seen three examples already. Here are some more

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Deadlines: Today!

**Wednesday, April 13,
2011 (110 min)**

Activity:

1. Collect report for investigation (5 min).

No report: Ngoc (absent both days); Aimee (absent both days); Thai (absent on the day of investigation); Si Nguyen (absent on the day investigation was conducted)

2. Introduction to Chemistry: PowerPoint Presentation (20 min).
3. Japan, Tsunami, Nuclear Power and Radiation: the news (5 min).

Activity:

4. Chemistry: Matter the basics.
 - The classification—classify the samples (40 min).
 - (Need to wrap up discussions of classification of mixture.)
5. Reinforcements:
 - Catalyst worksheets (F1-F4) (20 min).
6. Consolidation worksheets:
 - Prentice Hall Chemistry worksheets: Matter & Mixture (5 min).
 - Test yourself worksheet. (5 min).

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Deadlines: Today!

**Thursday, April 14,
2011 (55 min)**

Activity:

1. Chemistry: Matter the basics.
 - Wrap up discussions of classification of mixture (5 min).
2. Substance and mixtures you know (5 min).
3. Reinforcements:
 - Catalyst worksheets (F1-F4) (15 min).
 - P1. Substances VS. mixtures

Activity:

- P2. Compounds all around: Problem Solving
 - Complete the rest of the worksheet except page 6 (the last page) for homework.
 - P3. Compounds all around: Specials
 - P4. What's in it?
 - P5. The air Around us
 - P6. What's in it?
4. Consolidation worksheets:
 - Prentice Hall Chemistry worksheets: Matter & Mixture (5 min).
 - Test yourself worksheet. (5 min).

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Deadlines: Today!

**Monday, April 18, 2011
(110 min)**

Activity:

1. Chemistry: Matter the basics.
 - Complete classification of substance and mixture. (15 min)
 - Classify the samples. (5 min)
2. Reinforcements:
 - Catalyst worksheets (F1-F4) (40 min).
 - P1. Substances VS. mixtures
 - P2. Compounds all around: Problem Solving
 - P3. Compounds all around: Specials

Activity:

- P4. What's in it?
 - P5. The air Around us
 - P6. What's in it?
3. Consolidation worksheets:
 - Prentice Hall Chemistry worksheets: Matter & Mixture (15 min).
 - (Completed it all.)

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Deadlines: Today!

**Monday, June 6, 2011
(110 min)**

Activity:

1. Return exam paper.
 - Check and re-tally marks.
 - Make sure every question has been graded.
 - Correct questions you got wrong—compare to the markscheme projected on screen.

Activity:

2. Year 7, year 9 and year 10 exam:
 - Comparing exam paper to year 7 exam paper.
 - Mark questions and determine questions common to both.
 - The stat.
3. How did our brains come to have the perpetual capacity for innovation?
 - First among equal—A BBC documentary (Human Series D2, Episode 2 of Program 1).
 - Continue from 13:00 min mark.

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Deadlines: Today!

**Wednesday, June 8,
2011 (55 min)**

Activity:

1. The brains of youngsters like you.... well one of the brains anyway.
2. Learning English: Building a robust vocabulary.
 - Active vocabulary VS passive vocabulary.
 - Prefixes, suffixes and root words.
 - (Completed up to here.)

Activity:

3. Isotopes and Radiation: Quick Review.
 - Isotopes and abundance (next slide).
4. Isotopes and Radiation
 - 19 min Video: Radioactivity (EDVD-04 Chem) (got as far as the 2:00 min mark)
 - Worksheet: Isotopes and Radioactivity II VDO – wkst.

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