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| TimeGroup/Class | Topic/Subtopic | Learning Outcomes | Activity | Remarks/Reflections |
| SB(T)8-9am 6M1S39  BT2 | **Introduction :**  **Requirement and Expectations**   * Quiz * Attendance * Continuous assessment * Assignment | Students are expected to understand the requirements and expectations for SB016 | * Briefing of class policies, expectations, grading * VARK test | Students were briefed on preparing themselves for the tutorial class, the use of RPS in the tutorial book and how continuous assessment is made. |
| SB(L) 10.00-11.00AM  7M1  DKK1 | **A brief introduction to SB016 lecture**   * **Attendance** * **Lecture notes**   **Chapter 1: Molecules of Life**  **1.1 Water** | Students are expected to be able to:  explain the structure of water molecule.  Remark: Emphasize on the polarity and the formation of the hydrogen bond. | * Lecture on structure of water molecule | Allocations of duties were given to the students to get ready the lecture notes before lectures classes. Every class representative is responsible for their own class.  Students were informed to read the lecture notes before entering the class. |
| SB(T)8-9am 6M1S39  BT2 | **Introduction :**  **Requirement and Expectations**   * Quiz * Attendance * Continuous assessment * Assignment | Students are expected to understand the requirements and expectations for SB016 | * Briefing of class policies, expectations, grading * VARK test | Students were briefed on preparing themselves for the tutorial class, the use of RPS in the tutorial book and how continuous assessment is made. |

**Week: 2 (2-6June 2014)**

**Day / Date: Mon. 2nd June 2014**

**Day / Date: Tues. 3rd June 2014**

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| TimeGroup/Class | Topic/Subtopic | Learning Outcomes | Activity | Remarks/Reflections |
| SB(P)9.00-11.00am6M1S39 MB1 | Requirement and Expectation  Rules and Regulations at laboratory | To understand and abide laboratory safety rules and regulations and safe handling of chemicals and apparatus | * Introduction to parts of light microscope. * Handling light microscope. | Emphasize the importance of punctuality and coming to the lab class well prepared; jotter book must be ready for experiment. |
| SB(L)  12.00-1.00pm  7M1  DKK1 | Chapter 1: Molecules of Life:  1.1 Water | Students are expected to be able to:   * describe the structure of water molecule * describe the properties of water and its importance:  1. universal solvent, 2. low viscosity, 3. high specific heat capacity, 4. high latent heat of vaporization, 5. high surface tension, 6. maximum density at 4oC. | * Lecture on properties of water and its importance * Illustration of adhesive and cohesive forces was explained for surface tension using demonstration on the walls of the lecture hall | A concept map was given at the end of the class to help students to recap chapter 1.1.  The students in the class looked keen and responsive to learn. |

**Day / Date: Wed. 4th June 2014**

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| TimeGroup/Class | Topic/Subtopic | Learning Outcomes | Activity | Remarks/Reflections |
| SB(T) 10-11am  6M1S39a  BT5 | Chapter 1: Molecules of Life:  1.1 Water | Students are expected to be able   * to draw a single water molecule, the arrangement of 2 or more water molecules. * describe the properties of water and its importance | * Students practice to draw and label one water molecule, the arrangement of 2 water molecules and 5 arrangement of 5 water molecules. * The properties of water was discussed in the class. | During the class I was puzzled students came into tutorial class with the expectation to be taught again what they have learned during the lecture.  I was disappointed to find out that the blanks on the lecture notes were not completed.  Realized that I have to meet them halfway in their learning. |
| eSB(P) 11-1pm  4M1S30  MB1(demo) | Requirement and Expectation  Rules and Regulations at laboratory | To understand and abide laboratory safety rules and regulations and safe handling of chemicals and apparatus | * Introduction to parts of light microscope. * Handling light microscope. | Emphasize the importance of punctuality and coming to the lab class well prepared; jotter book must be ready for experiment. |

**Day / Date: Thur. 5th June 2014**

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| TimeGroup/Class | Topic/Subtopic | Learning Outcomes | Activity | Remarks/Reflections |
| SB(L)  7M1-SB016  DKK3  2-3pm | 1.2 Carbohydrates | Students are expected to be able to:   * describe various forms and classes of carbohydrates such as monosaccharides, disaccharides and polysaccharides. * describe the formation and breakdown of maltose * describe the structures and functions of starch, glycogen and cellulose. | * Lecture on properties of water and its importance * formation of α-1,4 glycosidic bond. State the types of glycosidic bonds formed was shown using I-ee scanner. | Formation of the glycosidic bonds was shown on the white board.  Students seemed to be able to answer the questions asked as I drew the formation of the disaccharides.  However I was concerned if they could do it themselves and if they would practice it after the lecture. |
| SB(T)  7M1S44a-SB016  BT13  4-5pm | Chapter 1: Molecules of Life:  1.1 Water | Students are expected to be able   * to draw a single water molecule, the arrangement of 2 or more water molecules. * describe the properties of water and its importance | * Students practice to draw and label one water molecule, the arrangement of 2 water molecules and 5 arrangement of 5 water molecules. * The properties of water was discussed in the class. | Generally students were able to draw the arrangement of 2 water molecules. There were some 5 students who showed lack of confidence from their faces.  The students were reminded to read up the lecture notes before entering the tutorial class.  They were also reminded to attempt the tutorial questions. |

**Day / Date: Fri. 6th June 2014**

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| TimeGroup/Class | Topic/Subtopic | Learning Outcomes | Activity | Remarks/Reflections |
| SB(P)  7M1S44-SB016  MB4  8-10am | Requirement and Expectation  Rules and Regulations at laboratory | To understand and abide laboratory safety rules and regulations and safe handling of chemicals and apparatus | * Introduction to parts of light microscope. * Handling light microscope. | Emphasize the importance of punctuality and coming to the lab class well prepared; jotter book must be ready for experiment. |