

Islamic Dharwood Pau Memorial Primary School

Lesson Teaching Content

Name of the teacher: Ms Poon

Class: 4B (Rm 409)

Subject: General Studies

Topic: BK2 U1 Chapter 2 Water Purification

Lesson: The 4th lesson of this chapter / ~~unit~~ / ~~language focus~~

Part A: General Information of the Lesson

Students' Previous Knowledge	<p>Students are already able to:</p> <ol style="list-style-type: none"> 1. tell the major source of water in Hong Kong 2. tell the reason and the importance of treating water 3. identify the process of water treatment
Learning Objectives	<p><i>After the lesson, the students are able:</i></p> <ol style="list-style-type: none"> 1. tell the uses of different filtration materials 2. identify the two factors affecting the filtration performance: types of filtering materials and filtering arrangements 3. identify the national security major field: Resource Security and tell the importance of safeguarding it
Learning Activities (including the Formative Assessment)	<ol style="list-style-type: none"> 1. Q & A <ul style="list-style-type: none"> ✧ Students link up cherishing water with safeguarding Resource Security. 2. Fill in the blanks <ul style="list-style-type: none"> ✧ Two students are chosen to write “sedimentation” and “filtration”. 3. Group Discussion & Modify the filter <ul style="list-style-type: none"> ✧ Discuss what filtration materials should be chosen in the second attempt in order to obtain better performance ✧ Discuss how to arrange the materials in the filter 4. Practical task & Assessment <ul style="list-style-type: none"> ✧ Carry out the experiment. Using tablet to take video record and share on the smartboard. 5. Compare and Evaluate <ul style="list-style-type: none"> ✧ Compare the results of all groups on the smartboard and choose the best one and tell the reason

Teaching Aids	1. Taskbook 2. Textbook 3. PowerPoint 4. Smartboard and tablets
Homework arrangements	TkB Pg26 (Task 4 &5) and Pg27

Part B: Details of Formative Assessment (FA)

Form of the FA	<input type="checkbox"/> Paper assessment <input type="checkbox"/> E-assessment (Please specify: _____) <input checked="" type="checkbox"/> Others (Please specify: Practical assessment)
Objective(s) of the FA	To evaluate the understanding the uses of different filtration materials and improve the performance of filters in the second attempt
Rationale of the FA	1. To allow students to get to know the process of filtration and the different outcomes from using different materials. 2. To cultivate students' essential skills in the PDIR: Plan, Do, Improve and Review