Science Cycle 2 Grade 7

Introduction:

Determine how carbon dioxide concentration and light intensity affect the rate of photosynthesis in an aquatic plant. Measure the rate of photosynthesis by counting the oxygen bubbles that are released.

Viscosity

Strand: Investigating Scientifically

Team members:	Team	mem	bers:
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i.



- Design a scientific question to investigate viscosity of different liquids.
 Chose the best Scientific Question. اختر السؤال العلمي المناسب
 - A. How does the light intensity and CO2 affect on the rate of photosynthesis?
 - B. How does the oxygen affect on the rate of photosynthesis?
 - C. What is the relationship between CO2 and O2?
- 2. Decide what variable you will change, what variable you will measure and what variables you will keep the same. حدد المتغيرات فالتجربة

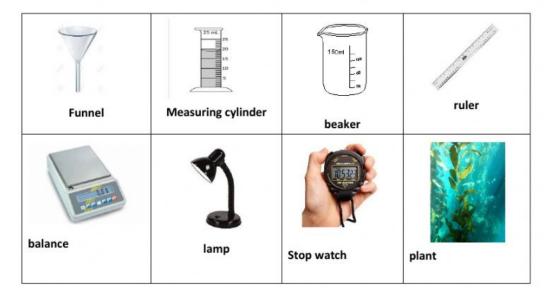
الذي يتم تغيره(Change (X)	الذي يتم قياسه(Y) Measure	الذي لم يتغير Same

3. Is this a fair test? Yes/No هل تتوقع أنها تجربة عادلة



4. Tick or circle to select equipment needed for this experiment

اختر أدوات التجربة



5. What happened? Write your results in a suitable table. سجل القراءات في الجدول التالي

count the oxygen bubbles record your results

(mdd)	lig	tht intensity (lu	x)
⋽	5000	15000	25000
0			
\$00			
2600			
1200			