Homework: Tassomai - 4 daily goals each week

**Unit 1 Working Scientifically**

| **Learning intention** | **Key learning** |
| --- | --- |
| How can we be safe in the lab? | Lab safety  Hazard symbols  Using a bunsen burner |
| How can we use equipment to take measurements? | Equipment diagrams  Scales  Units |
| What are variables? | Independent variable  Dependent variable  Control variables |
| How do we present data in a table? | How to draw a table  Collecting data from an investigation  Variables in a table |
| How do we plan an investigation? | How to write a method  How to follow a method  Practical investigation  \*Investigating how the mass of Mg affects temperature change when added to HCl |
| How do we present data as graphs? | Choosing the right graph  How to draw a scale  How to plot data |
| How do we analyse data? | Finding patterns in results.  Drawing conclusions from data.  Correlations. |
| Review of learning | Reviewing learning from the unit |

**Unit 2 Health and lifestyles**

| **Learning intention** | **Key learning** |
| --- | --- |
| What is a balanced diet? | Food labels.  Different food groups.  What do we need the different food groups for? |
| How do we test of different food groups? | How to chemically test for glucose, starch, protein and fat. |
| What happens if we have an unhealthy diet? | Excess diets e.g. obesity and its effects.  Deficiency diets e.g. scurvy, anaemia and kwashiorkor |
| What is the digestive system? | What organs make the digestive system?  What is the function of the organs of the digestive system? |
| What do enzymes do? | What are enzymes?  How do enzymes help digestion. |
| What is the role of bacteria in the digestive system? | Why do we have so much bacteria in our digestive system. |
| How do drugs affect the body? | Effects of stimulant drugs  Effects of depressant drugs  Different classes of drugs |
| How does alcohol affect the body? | How does alcohol affect the nervous system  Interpreting data on alcohol limits and driving |
| How does smoking affect the body? | How does smoking affect the lungs  What do we know about vaping |