SCIENTIFIC SKILLS

Here are five ways to develop your scientific skills.

1. OBSERVING.

Make it a habit to look at more than you usually would. Say you're watching TV. You can probably tell how long the commercial break lasts, but try to observe more. Identify commercials, how many times they popup, etc.

2. PREDICTING.

When you learn to observe closely, you understand things better, and start predicting outcomes. Develop this skill by doing small practice experiments, like when you're watching TV, observe the frequency of advertisements during a commercial break, and predict which one comes next.

3. INTERPRETING.

There is always a logical reasoning to patterns, try to find them. For instance, during tv commercials, try to figure out why certain commercials are shown at night, while some in the day.

4. CHANGING ONE FACTOR.

Once you've understood the reasoning behind something, try to change one element to see how it affects the equation. For instance, when analysing the pattern behind TV commercials, change the channel you have been watching, and see if the pattern you have interpreted still works.

5. FORMING CONCLUSIONS.

Once you have completed your observations, predictions and interpretations, form your conclusion and tally it with the actual result. This way, you can test your theory and see why you may have gone wrong.

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