

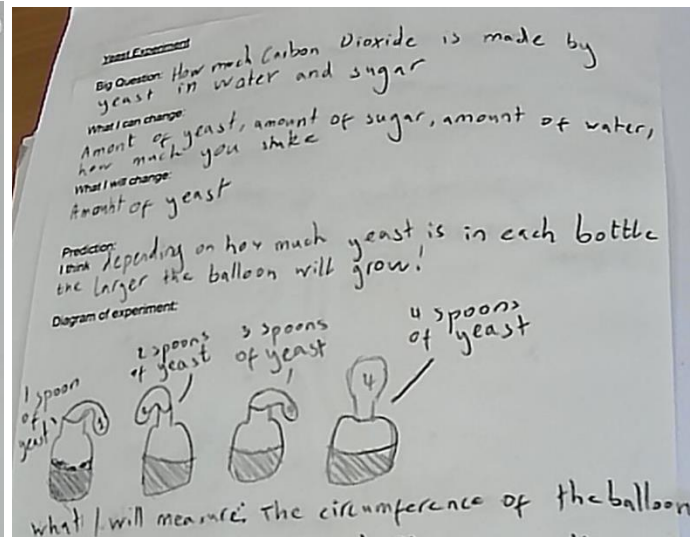
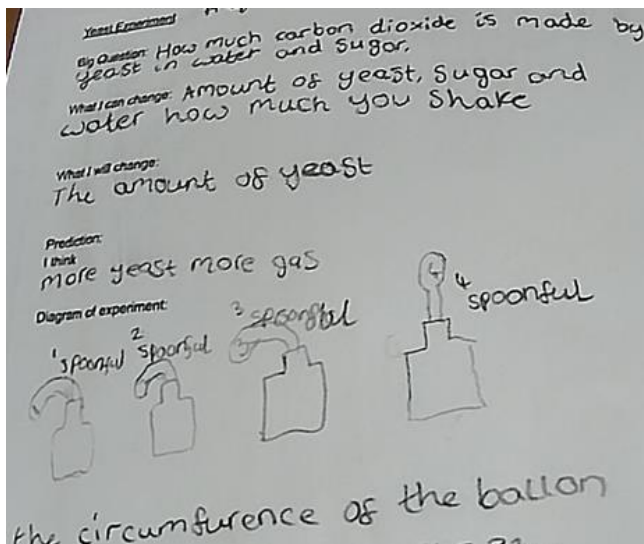
Topic: Planet Earth: Biodiversity	Primary 5-7 Age 8-11	Title of example: Yeast predictions
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Scientific skills focus Plan and design: Formulates questions and predictions (hypotheses), with assistance, based on observations and information.		Curriculum link I can relate physical and behavioural characteristics to their survival or extinction. SCN 2-01a
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Example

As part of a mini topic on microbes, the class carried out an investigation into yeast growth (see [TAPS activity plan](#) for further details). The children were asked to predict what would happen to the balloon in words and diagrams.

Children meeting the objective would be able to make a prediction linking the amount of yeast to the size of the balloon. The best explanations would show that the child understands that the yeast is producing carbon dioxide, which inflates the balloon.



Spoonfuls of Yeast	Circumference of Balloon cm
1	31
2	34
3	40
4	44

This class also recorded results on a spreadsheet and discussed how to improve the investigation e.g. *we ran out of hot water before all the bottles were filled so the temperature of the last bottle might have been different.*

Further predictions could be made about the amount of sugar, temperature of the water and larger amounts of yeast.