



To: Subject Advisors; Teachers; Parents and Caregivers of NS Tech Learners

Topic: Playing for learning

Message Objective(s): To discuss key factors to be considered for playful learning.
: To carry out a home based activity for playful learning

The inclusion of play as pedagogy and a useful component of the curriculum should be regulated within acceptable standard and norms. There are factors that need to be considered when designing an activity an activity for playful learning. These are:

- Age, growth level and grade of the child
- Availability of resources
- Alignment to the curriculum
- Targeted skills and knowledge content
- Cognitive levels covered in the nature of play
- Creation of a conducive play environment and milieu
- Balance between between playing and learning
- Incorporation of Assessment for Learning and Assessment as learning

Below is an example of an activity that can be tried at home.

Activity: Inflating a balloon

Resources: Balloon/, Vinegar, Bicarbonate of soda, small bottle, rubber band.

Instructions

1. Put two spoonsful of soda inside the balloon
2. Pour half a glass of vinegar into the bottle
3. Overturn the balloon onto the bottle emptying the Bicarbonate Soda into the bottle
4. Use the rubber band to tie the balloon mouth to the bottle neck.

Questions

- Describe what you observe
- What causes the fizzing inside the bottle?
- What is responsible for filling the balloon?
- Can you think of one use of Bicarbonate soda in your home?
- Relate this use to what you have just observed

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Reference: <http://bit.ly/1ZUufx#socraticakids#socraticakidsscience>

: <https://youtu.be/4qmoSSvel28>

: <https://www.gse.harvard.edu/news/19/10/power-playful-learning>

: <https://www.colorado.edu/csl/programs/pht-interactive-simulations>