



To: Subject Advisors

: Teachers

: Parents and Caregivers of NS Tech Learners

Topic: Making a home-made model of a rocket

Message Objective(s): To make a rocket model

One of the critical process skills for NSTech Grade 4 learners involves making models. This activity will encourage learners to make a model of a rocket.

**You will need to do this activity outside.**

### Materials

- Bicarbonate Soda, Vinegar, 3x Straws/pencils of equal length, Plastic bottle, Duct Tape, Stopper/Cork, 4cm x 6cm Cardboard

### Method

1. Tie the three straws using the duct tape around the plastic bottle as shown in the diagram below
2. Fold the cardboard paper into a cone funnel like shape
3. Put a tablespoonful of Bicarbonate Soda into the bottle
4. Pour in half a cup of Vinegar into the bottle
5. Close the bottle with a tight fitting cork/stopper ensuring no leakages
6. Immediately turn the bottle ensuring that it stands on the three straws
7. Move about 5m away and observe what happens



This activity will inspire curiosity in our learners and a deep desire question and search for more knowledge.

Thank you

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Reference:

[www.nect.org.za/materials](http://www.nect.org.za/materials)