

## DreamSpace TV: Episode Five Student Activity Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

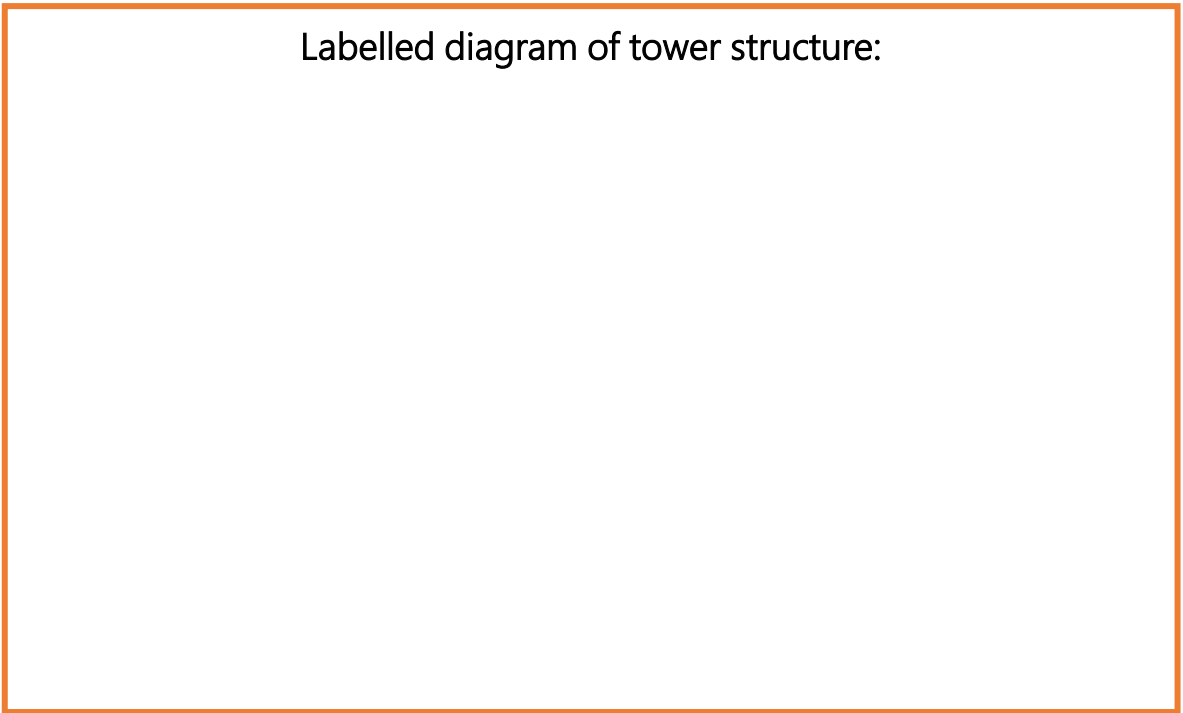
### *PLAN*

The materials I am using are:

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Labelled diagram of tower structure:



### *DO*

- Design and construct a tower that is at least 40cm tall and can withstand a shake without falling over.
- Be sure to:
  1. Have planned above including a diagram and assessment of the materials that you have permission to use from your classroom or at home.
  2. Think about how these materials can help your tower stay structurally sound even during a shake.
  3. Finally, put it to the test before thinking about any improvements you can make



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### REVIEW

1. **My tower** survived:

Shake test 1      Yes       No

Shake test 2      Yes       No

Shake test 3      Yes       No

My tower height is \_\_\_\_\_

My tower is called \_\_\_\_\_

2. What **improvements** could you make to the tower (in particular to stabilise it with a severe shake)?

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3. Where can you see **technology** playing a part to assist in your design?

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