

Name \_\_\_\_\_ Team \_\_\_\_\_ Class \_\_\_\_\_ Number \_\_\_\_\_



## Capillary Action Experiment: Paper Flower



**Prediction 預測:** Students may use words below to answer questions.

absorb   water   open   close   more   less   thinner   thicker



vs.



vs.



vs.



faster

slower



vs.



Circle your answer for questions 1, 2, and 3.

- 1.) Did you use thinner paper / thicker paper ?
- 2.) Will the thinner paper absorb water faster / slower ?
- 3.) Will the thicker paper absorb water faster / slower ?
- 4.) What will happen to your paper flower when it is placed in water?

The paper flower will \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.

**Observation 觀察:** Students will perform experiment and answer questions. Circle your answer for question 1.

- 1.) Is your prediction correct for question 4?    Yes    /    No

Name\_\_\_\_\_Team\_\_\_\_\_Class\_\_\_\_\_Number\_\_\_\_\_

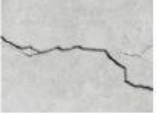
**Observation 觀察:** Students will perform experiment and answer questions. Write your answer for questions 2 and 3.

2.) Did the thinner paper absorb water faster or slower? \_\_\_\_\_

3.) Did the thicker paper absorb water faster or slower? \_\_\_\_\_



**Evaluation 評鑑:** Students may use words below to answer questions.

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| faster                                                                              | slower                                                                              | capillary action                                                                     | up                                                                                    | cracks/holes                                                                          |
|  |  |  |  |  |

Fill in the blanks.

1.) The thinner paper absorbs water \_\_\_\_\_.

2.) The thicker paper absorbs water \_\_\_\_\_.

3.) When water moves \_\_\_\_\_ through small \_\_\_\_\_, this is \_\_\_\_\_.