

# Pop-up

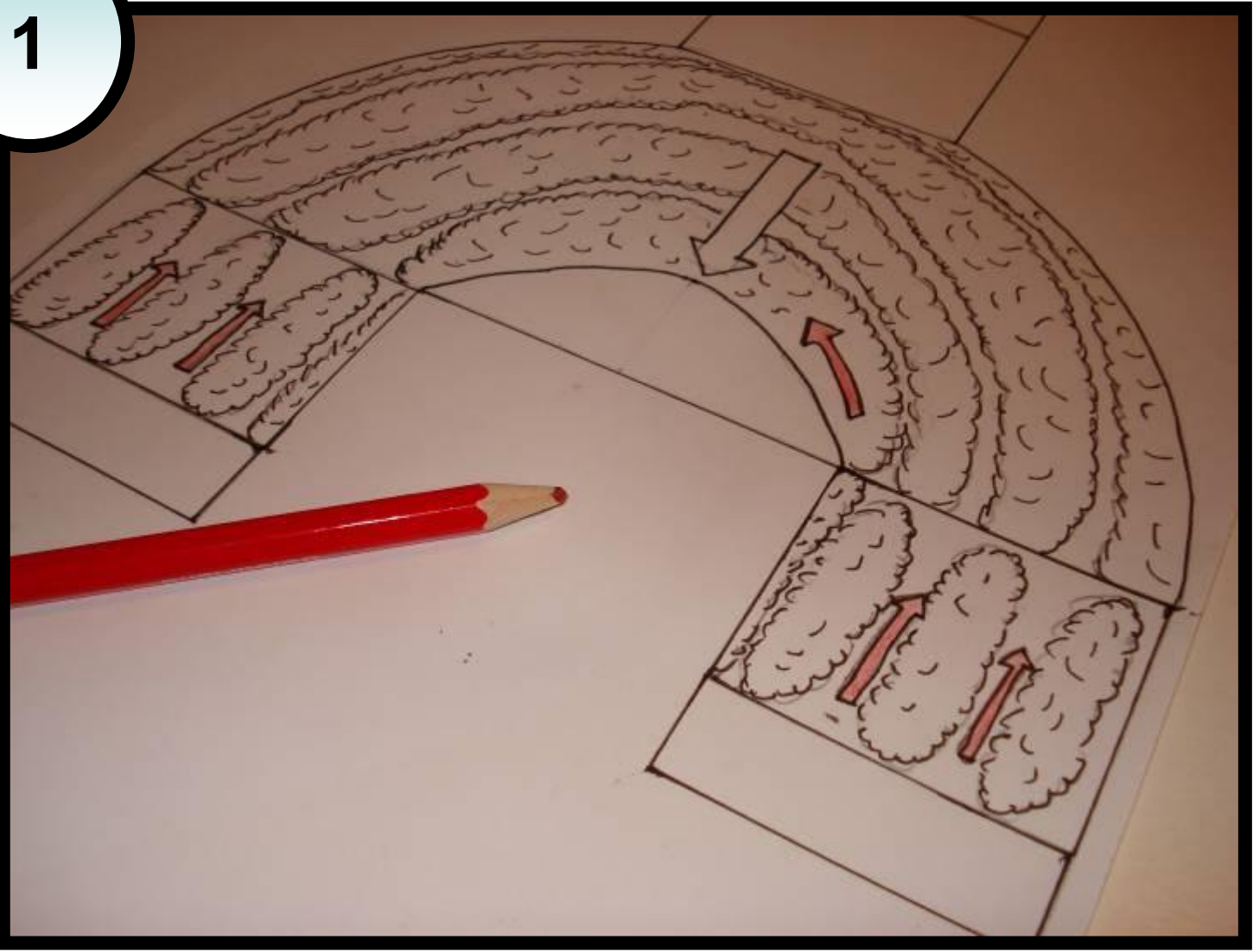
Click to watch how a hurricane forms

<https://www.youtube.com/watch?v=4f45jA5UxB0>



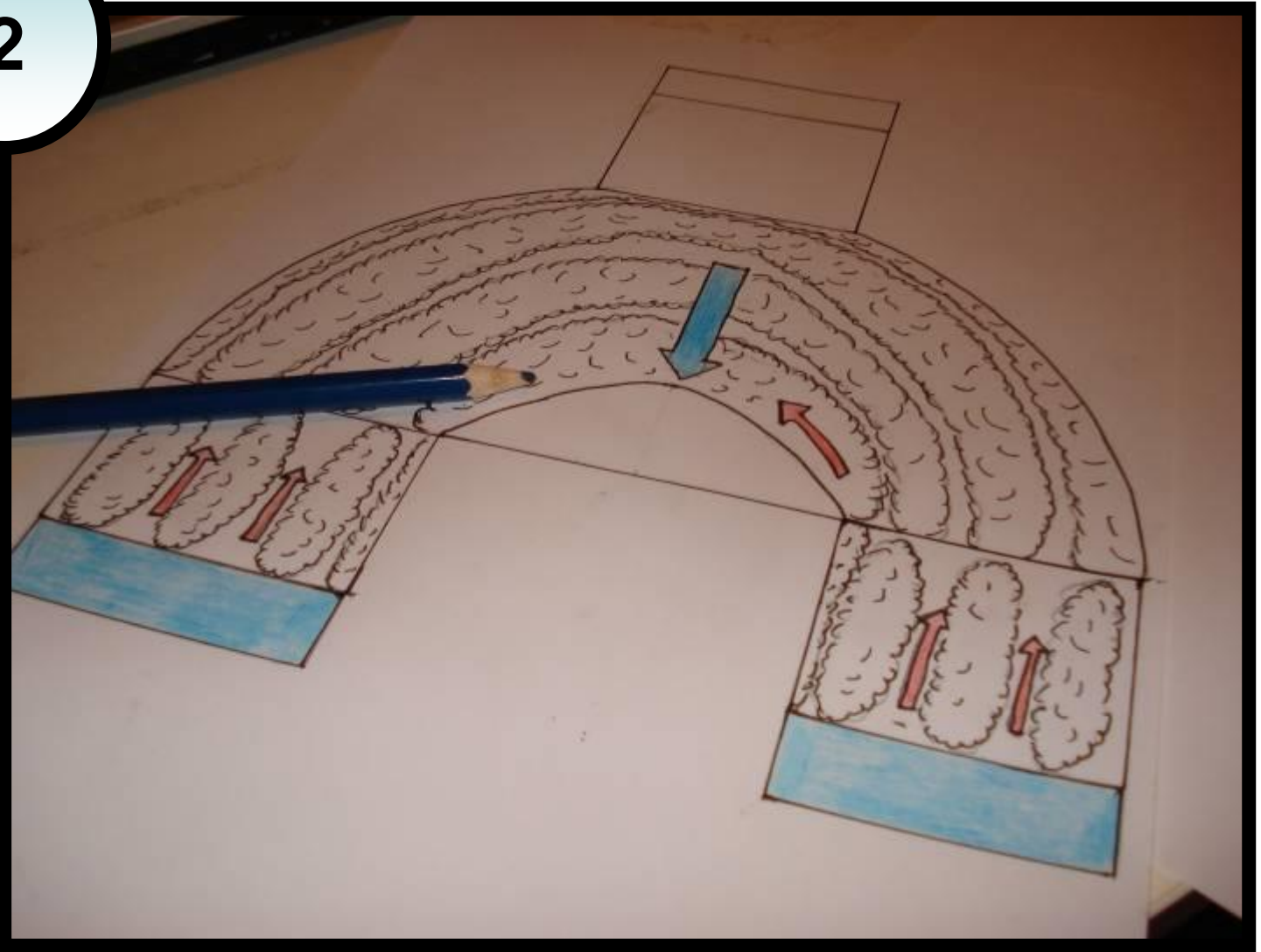
# Hurricane cross-section

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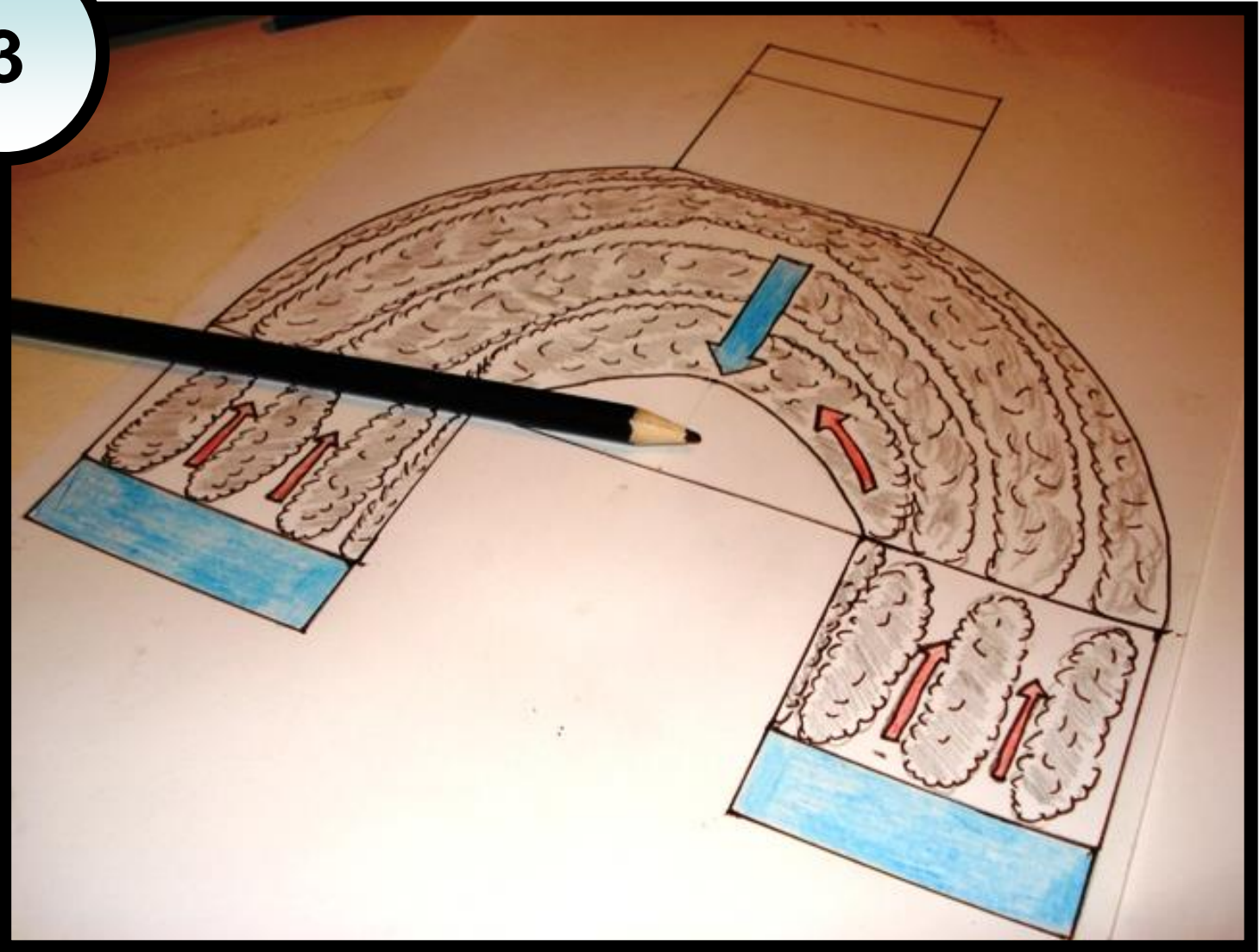
1

# Hurricane cross-section



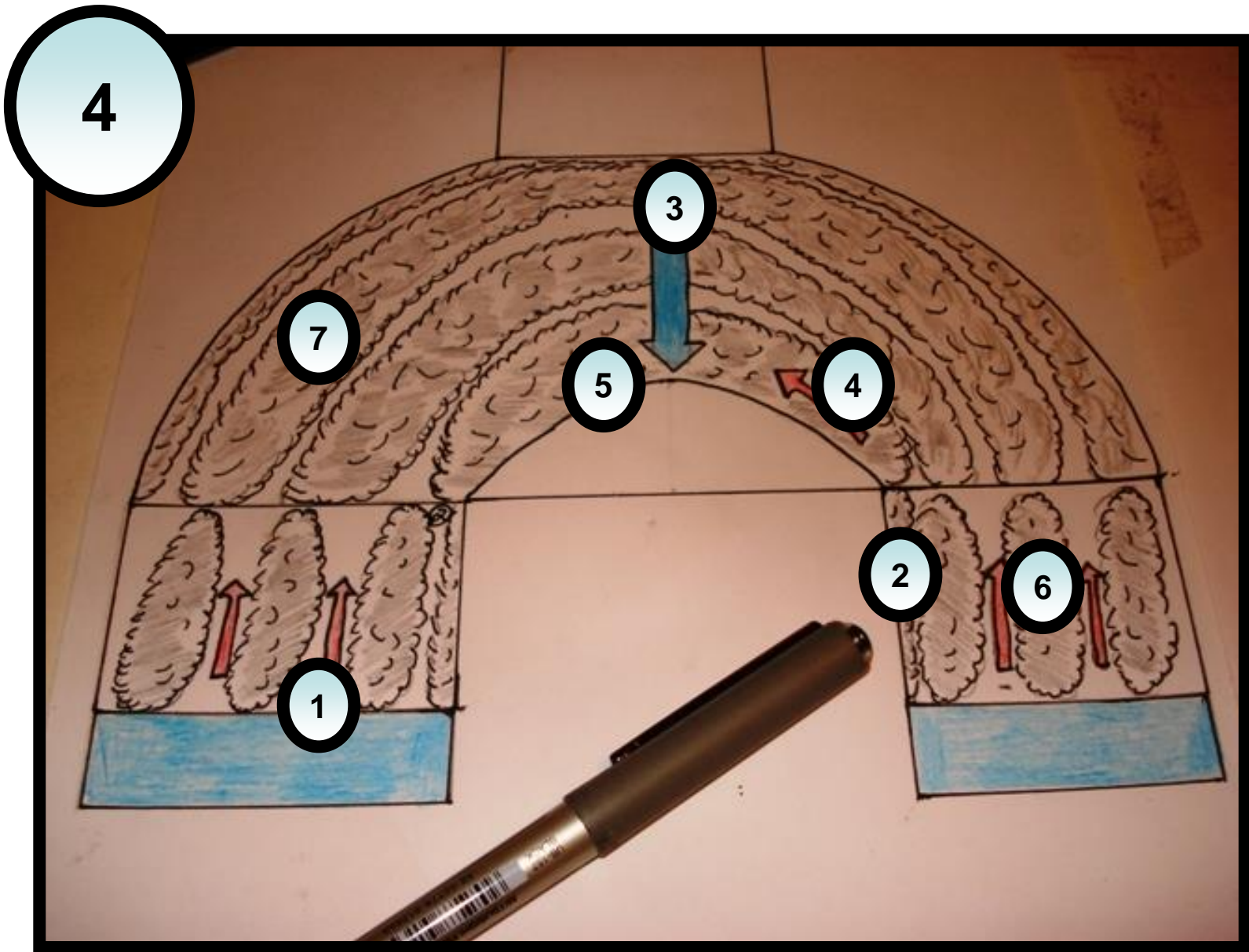
2

# Hurricane Eye Cross-Section



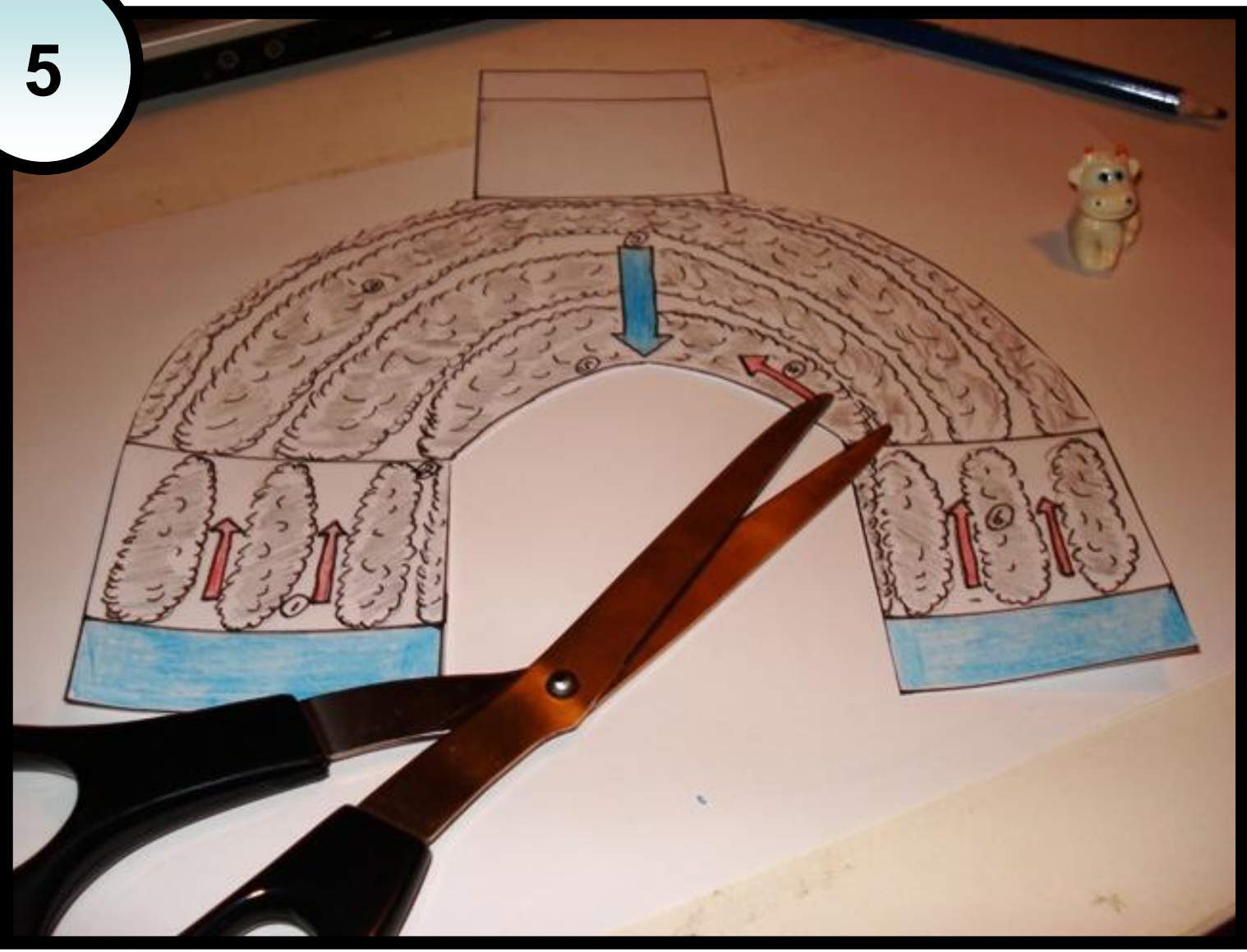
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# Hurricane cross-section

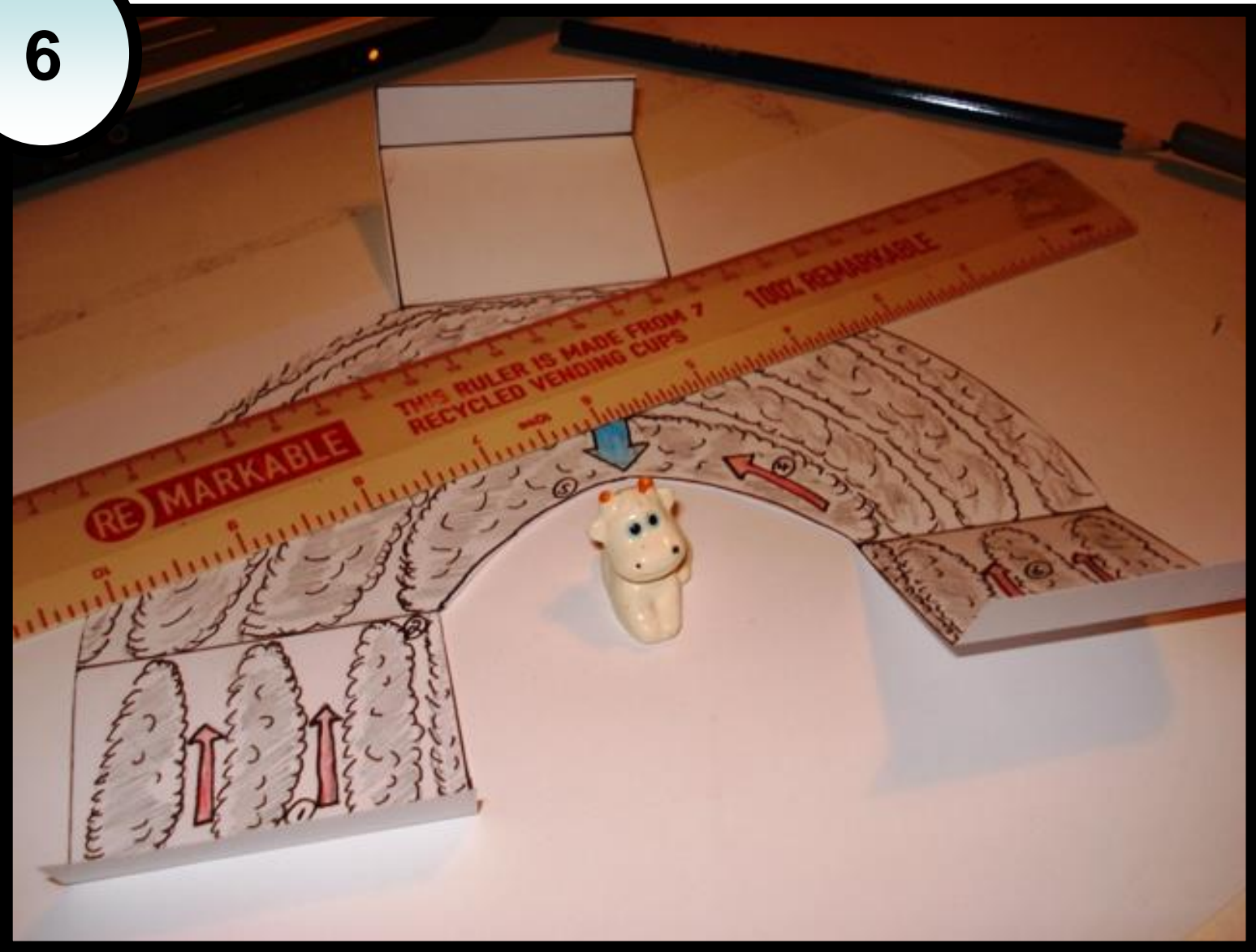


# Hurricaneane Cross-section

5



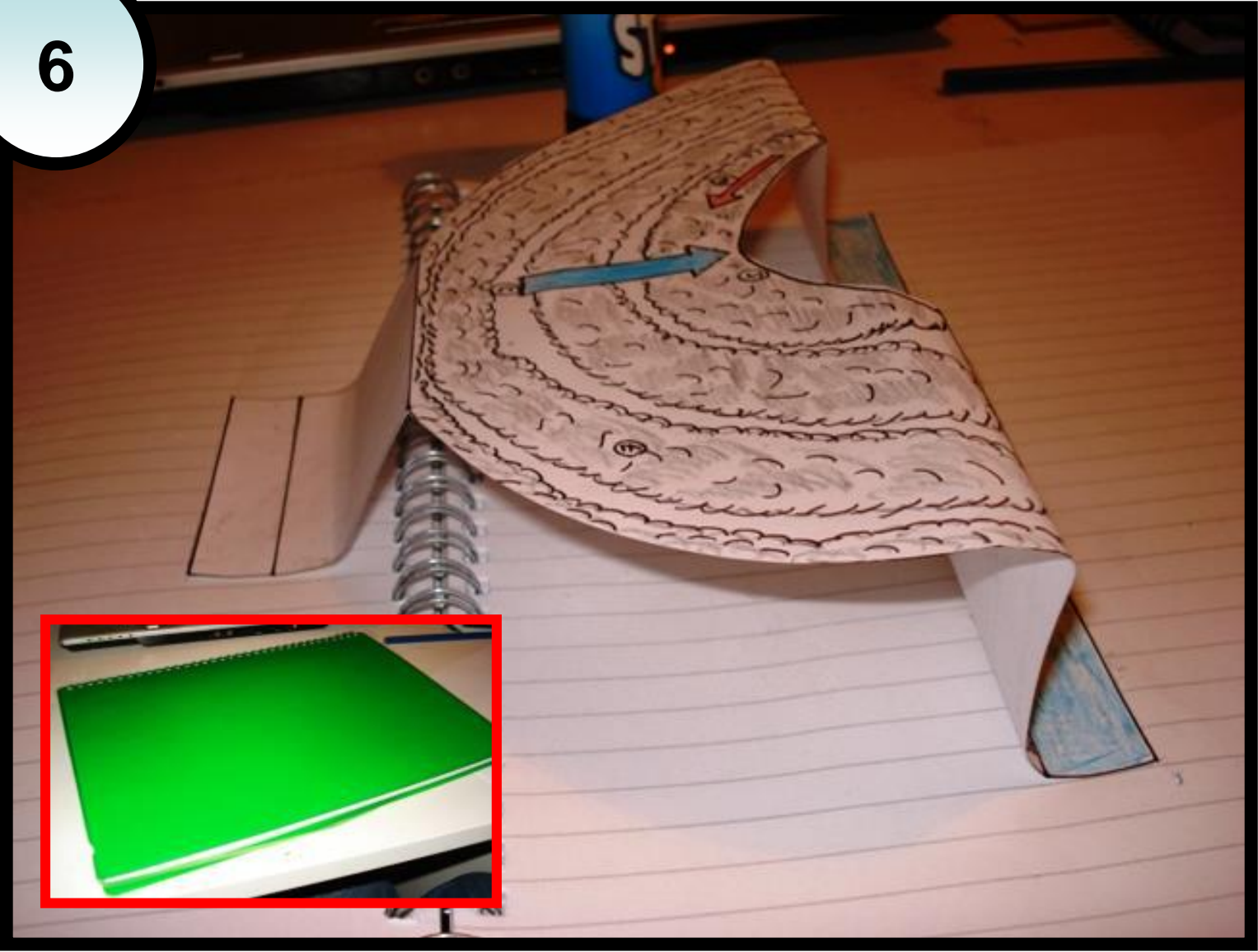
6



# Hurricane's cross-section

# Hurricaneane Cross-Section

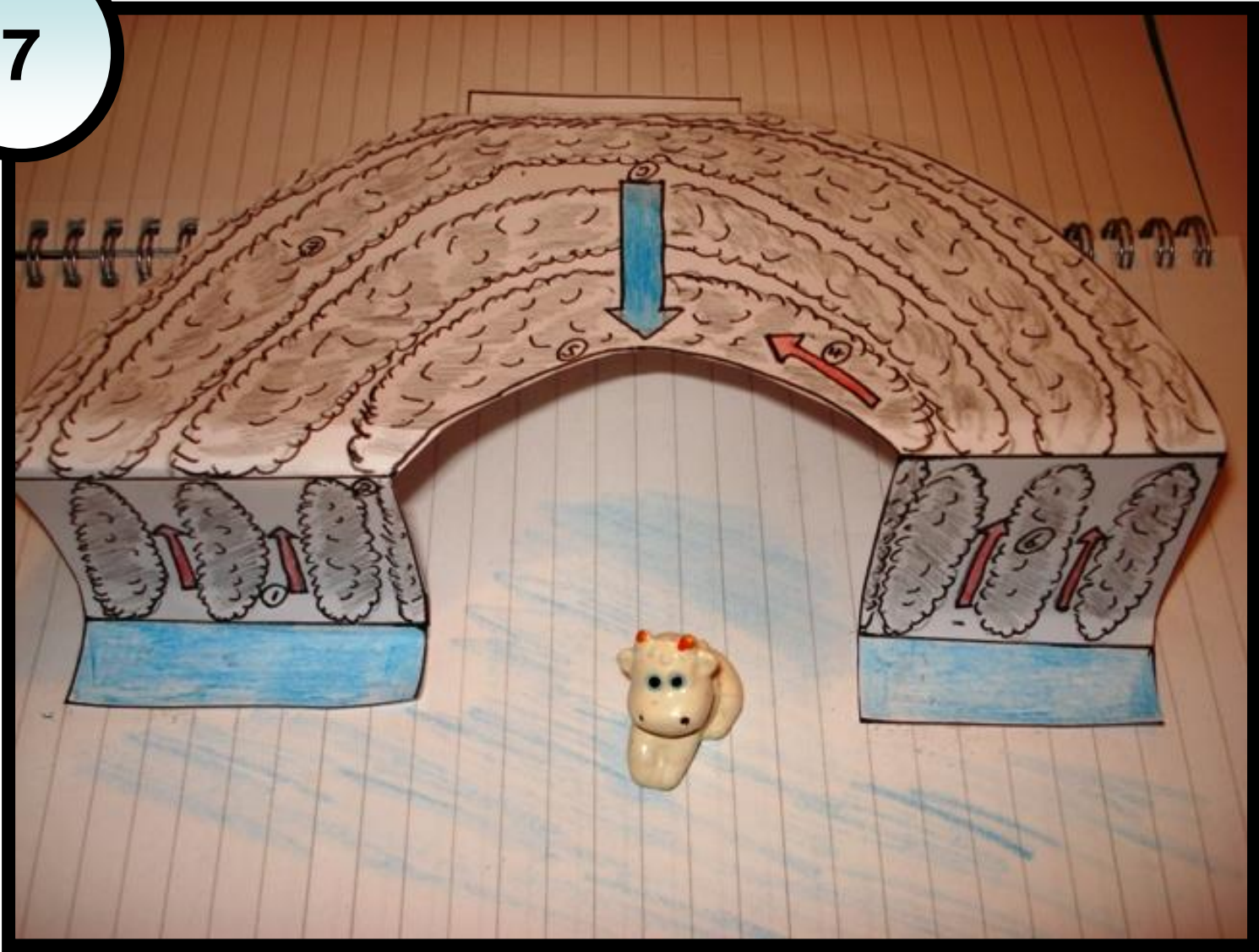
6



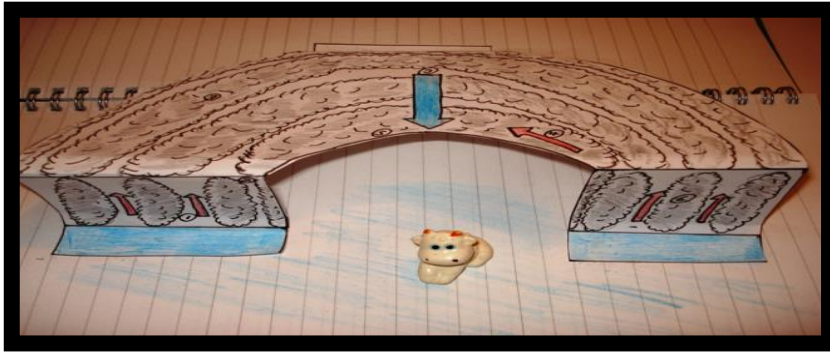


# Hurricane Cross-Section

7



How many points can you achieve?



3

What does cooler, drier air do, rise or sink?? (2 points)

What feature does this create (1 point)

4

Hurricanes spin anticlockwise North of the Equator and clockwise **S????** Of the **E??????**: Called the Coriolis Acceleration (2 points)

Challenge (6 points)

List the x6 most important words to use whilst describing the formation of a hurricane and rank them in order of significance. What is your number 1 word?

1

What does warm moist air do? (2 point)

-Ascend

-Descend

2

The **????????**: Is where the strong precipitation and wind is.

(2 point)

5

The **E\_\_** - the calmest part of the hurricane. (1 point)

6

The Hurricane takes **E?????** From the **O????** And converts it into **M???????????** Energy.

(4 points)

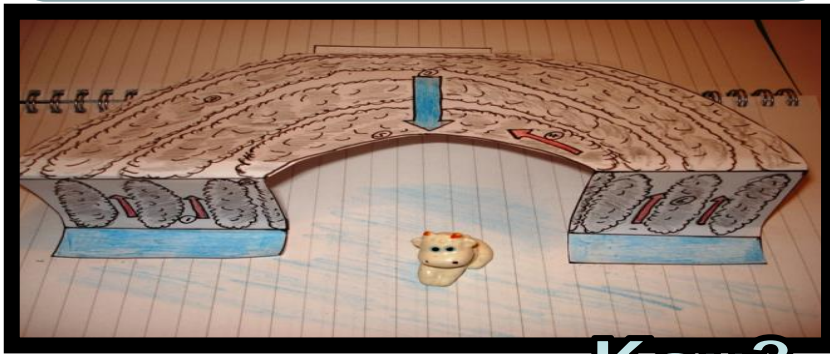
Name the clouds that form hurricanes(1 point)

7

A **R\_\_ Band**, produces bursts of heavy rain and creates **f????????**and wind.

(3 points)

How many points can you achieve?



Key?

3

Cooler drier air **sinks** (2 points)

**The Eye**

4

Hurricanes spin anticlockwise North of the Equator and clockwise **South** Of the **Equator**: Called the Coriolis Acceleration (2 points)

1

What does warm moist air do? (2 point)

**-Ascend**

2

The **EyeWall**: Is where the strong precipitation and wind is.

(2 point)

5

The **Eye**- the calmest part of the hurricane. (1 point)

6

The Hurricane takes **Energy** From the **Ocean** And converts it into **Mechanical** Energy.

**Cumulonimbus Clouds**

7

A **Rain Band**, produces bursts of heavy rain and creates **floods** and wind.

(3 points)