

# How TROPICAL STORMS ARE FORMED



1  
Warm, moist air moves over the ocean



2  
>26,5 C  
Water evaporates and rises



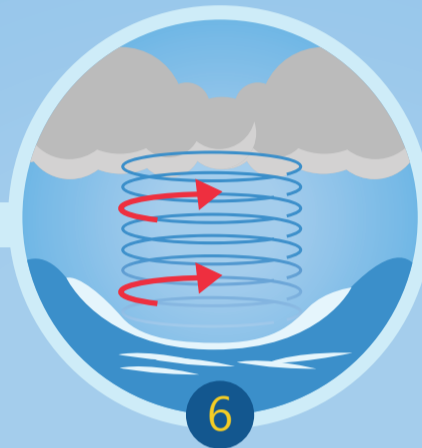
3  
In the atmosphere the water vapour comes into contact with cold air, cools and condenses into liquid droplets / clouds



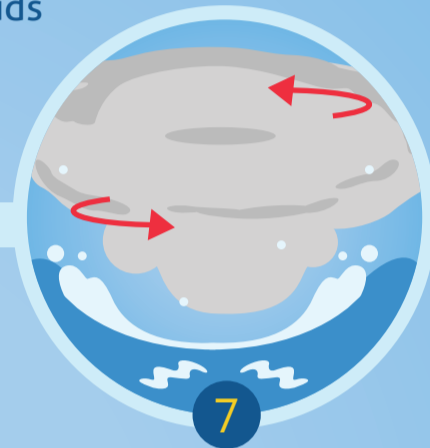
4  
When the water vapour becomes clouds/liquid droplets: heat is released, causing the air to move upwards



5  
Air moving up, draws more moist air in at the surface of the ocean



6  
Now we have a column of low pressure at the centre, upwards winds forming around the column



7  
Speed of the wind will increase as the pressure in the column weakens

## STORM CATEGORIES



Category 1

Minimal damage



Category 2

Moderate damage



Category 3

Extensive damage



Category 4

Extreme damage



Category 5

Catastrophic