

## 1 | Emergent Properties

- An emergent property is a property within a unit that creates a structure when coupled with other units with similar properties.
  - This self-organization based on a property or set of properties is called an emergent property.

### 1.1 | Bird Example

- Bird's flying in a V is a great example of what an emergent property is.
  - This is because it demonstrates a multi-level organization system.

### 1.2 | Measure by proxy

- has potential for error
- when you try to quantify a concept, the definition will change