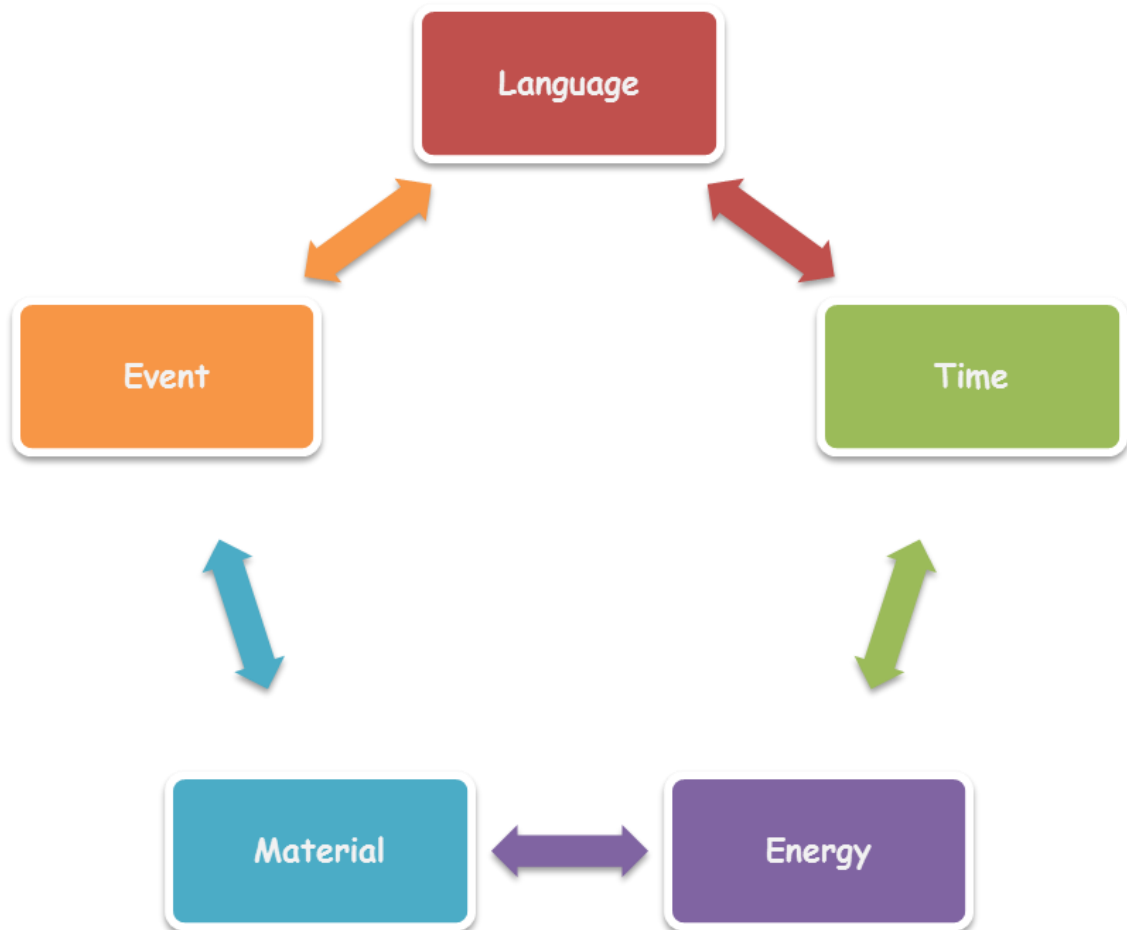


## Activity-1: What is biology?

**Aim:** To introduce the idea of **Language, Forces-Energy, Materials** and **Phenomenon-event**.


Questions to begin with:

1. The instructor should explain what Biology deals with.
2. Why is it a separate subject?
3. Is biology really a separate subject?
4. Do we need Mathematics, Physics and chemistry to learn Biology?
5. Or can we learn Mathematics, Physics and Chemistry from Biology?
6. What is communication? What is needed for communication?
7. What is observation? What is needed for Observation?



**Tasks:**

After explaining the previous ideas, ask the students to solve the following table. Let them Tick mark or cross mark as appropriate.

Item/category	Language	Force-Energy	Material	Phenomenon-event
A,b,c,d,E,F,G,H				
1,2,3,4,5,6,7,8,9,10				
$1+2+3 = 6$ ; $6 / 2 = 3$ ; $7 * 7 = 49$ ;				
Hello! World.				
				
Electric current				
Fire				
Heat				
Table				
Breathing				
Seed sprouting				
Running				
Giving birth to babies				
Magnetism				
Gravity-standing not floating				
Ball falling from your hand				
Rocket in a box				
Ignited Rocket shooting up				
Mountain				
Sleeping				
Hair				
Dreaming				
Time				
Clock				
Talking				
Tongue				
Muscle				
Hen				
Life				