

# CLASSROOM UPDATE

## Grade 6 Learned About

Globalization  
Science Investigation  
Batik Nusantara  
Plant Reproduction  
Human Organ System



Grade 6 learned about Globalization. Then, they identified the impact of globalisation by using Mind map. The impact can be positive and negative. Grade 6 student conclude that we should be opened with the positive impacts yet needs to be more critical with the negatives ones.

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graph TD
    G((Globalization))
    G --- PNE[Positive and negative effects of globalization]
    G --- FGA[Factors that accelerate globalization]
    G --- ROC[Role of our country in the era of globalization]

    PNE --- Pos[Positive]
    PNE --- Neg[Negative]
    
    Pos --- PosList["- More efficient markets  
- Increased competition  
- More wealth  
- Equality throughout the world"]
    
    Neg --- NegList["- Globalization uses up finite resources more quickly  
- Globalization acts to increase world of prices"]
    
    FGA --- FGAList["- Containerisation  
- Technological change  
- Economies of scale  
- Experiences in tax systems  
- Less protectionism  
- Growth strategies of transnational and Multinational Companies"]
    
    ROC --- ROCList["- Economic organisation / cooperation  
ASEAN (Association of South East Asian Nations)  
G20 (Group of Twenty)  
G77 (Group of 77)  
WTO (World Trade Organization)  
APEC (Asia-Pacific Economic Cooperation)  
BRICS (Brazil, Russia, India, China, South Africa)  
AFTA (ASEAN Free Trade Area)  
ATR (ASEAN Trade Region)  
  
- Political organisation / cooperation  
United Nations (UN)  
Arab League  
African Union  
Non-Aligned Movement  
  
- Sports organisations / cooperation  
Olympic  
Asian Games  
Sea Games"]
  
```

**Globalization**

**Positive and negative effects of globalization**

**Positive**

- More efficient markets
- Increased competition
- More wealth
- Equality throughout the world

**Negative**

- Globalization uses up finite resources more quickly
- Globalization acts to increase world of prices

**Factors that accelerate globalization**

- Containerisation
- Technological change
- Economies of scale
- Experiences in tax systems
- Less protectionism
- Growth strategies of transnational and Multinational Companies

**Role of our country in the era of globalization**

**Economic organisation / cooperation**

- ASEAN (Association of South East Asian Nations)
- G20 (Group of Twenty)
- G77 (Group of 77)
- WTO (World Trade Organization)
- APEC (Asia-Pacific Economic Cooperation)
- BRICS (Brazil, Russia, India, China, South Africa)
- AFTA (ASEAN Free Trade Area)
- ATR (ASEAN Trade Region)

**Political organisation / cooperation**

- United Nations (UN)
- Arab League
- African Union
- Non-Aligned Movement

**Sports organisations / cooperation**

- Olympic
- Asian Games
- Sea Games

**Joscelin Grade 6**

# Science Investigation with toy soldiers and a parachute

By Armand Stevenson Darmosusilo

Grade 6 did an investigation to know the surface area of a parachute will influence the length of the parachute land on the ground. They used Science investigation steps and in the end then wrote the conclusion.

## Science Investigation with toy soldiers and a parachute

**Aims:** To investigate which toy soldier will land on the ground first.

**Materials:** - Two identical small toy soldiers  
- The plastic parachute

**Variable to change:** The plastic parachute

**Variable to keep the same:** - The weight and shape of the toy soldiers  
- The height of which the toys are dropped  
- The time when the toys are dropped

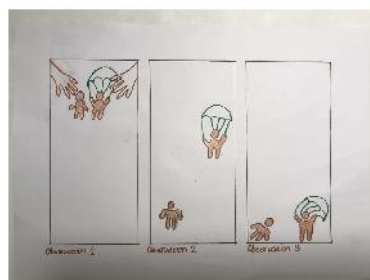
### Steps:

1. Get two identical small toy soldiers.
2. Tie a plastic sheet to one of the toy soldiers. This plastic sheet will act as a parachute.
3. Drop both soldiers from the same height and time.

## Science Investigation with toy soldiers and a parachute

### Observation:

The toy soldier attached with the parachute lands slower and safer than the other toy soldier with no parachute.



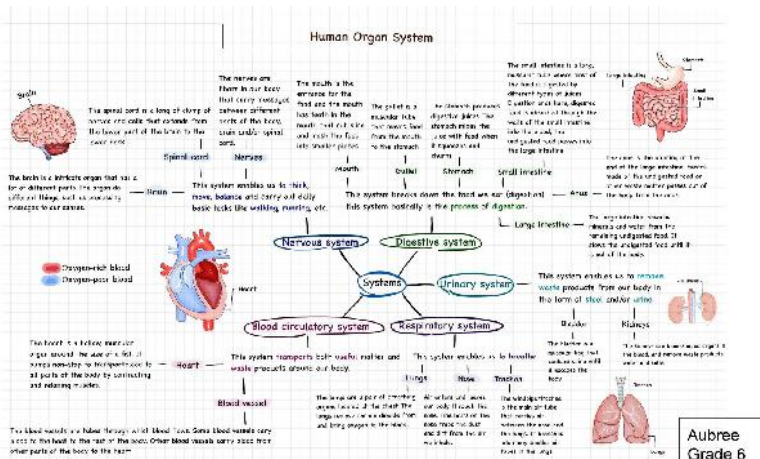
**Conclusion:** An open parachute has a large surface area. As a parachute falls through the air, it experiences a large air resistance. The weight of the parachute and the toy soldier attached acts downwards, while the air resistance acts upwards. This slows down the downward motion of the parachute and the toy soldier, resulting in the toy soldier with the parachute landing later and safer than the other soldier with no parachute.





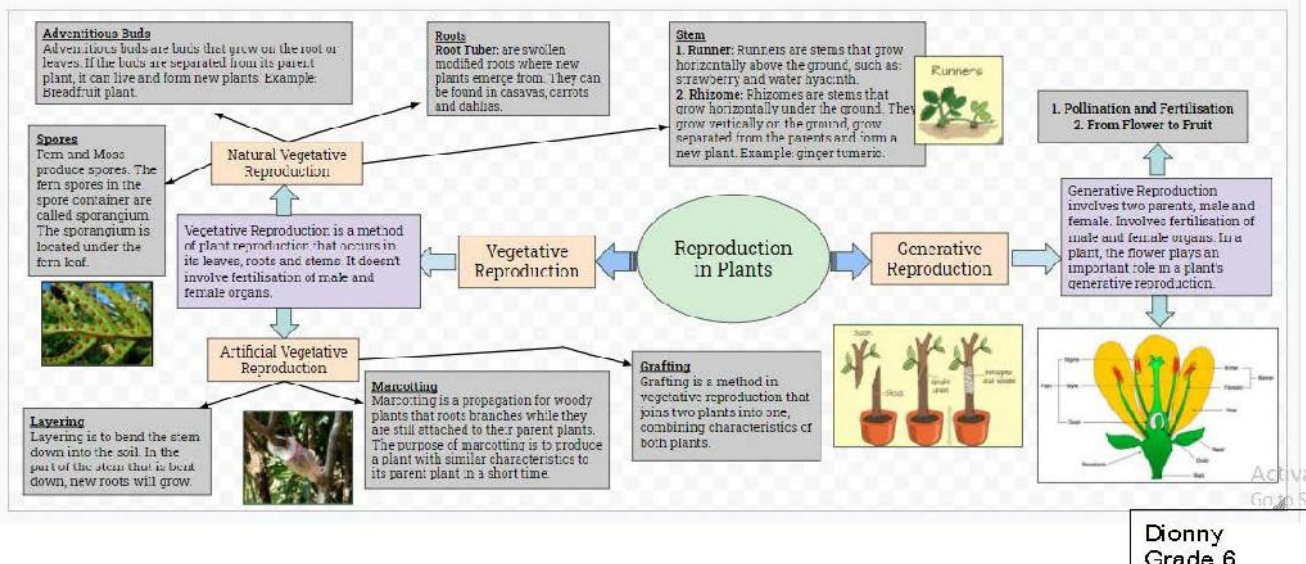
## BATIK NUSANTARA

Grade 6 learned about types of Batik Nusantara. Then, they made an advertisement to promote batik by using powtoon. This can be one way to promote Indonesian original products to the whole world.



## HUMAN ORGAN SYSTEM

Grade 6 learnt about Human Organ System by using Mind Map. In the mind map, they identified the main organs and functions of each organ.



## PLANT REPRODUCTION

Grade 6 learned about Plant Reproduction. Then, they identified the types of Plant Reproduction. After that, they explained about the vegetative and generative reproduction of plant by using Mind Map. They explain the definition, process and examples of those vegetative and generative reproductions.