

It's electric!

Demonstrating Colloid Charge In Class

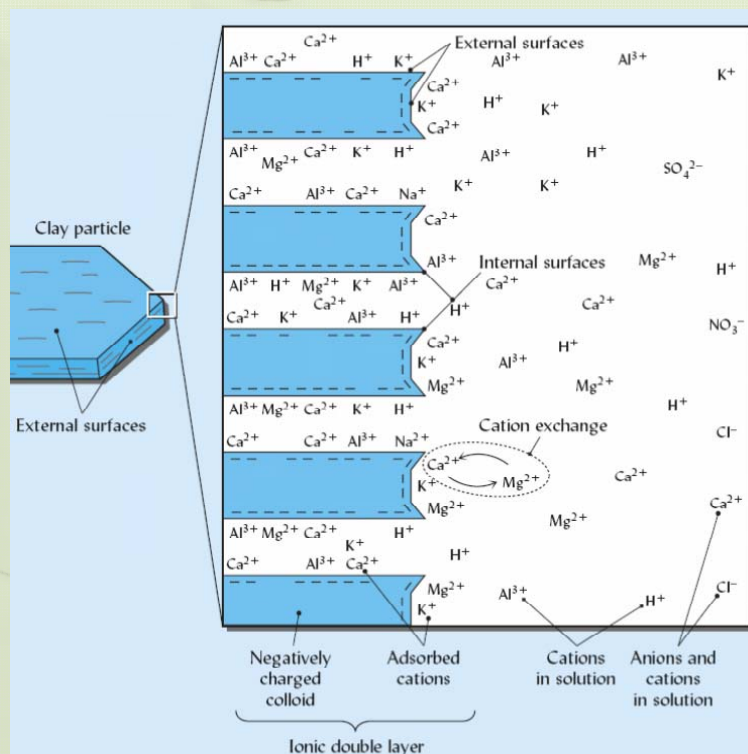


Cynthia Fadem 📅 5 June 2012

<http://www.kickstarter.com/projects/46649112/earthcell-the-renewable-battery>

Preparation

- What are clays?
- Where are clays found?
- What are the electrical properties of clay?



Set-up

Materials

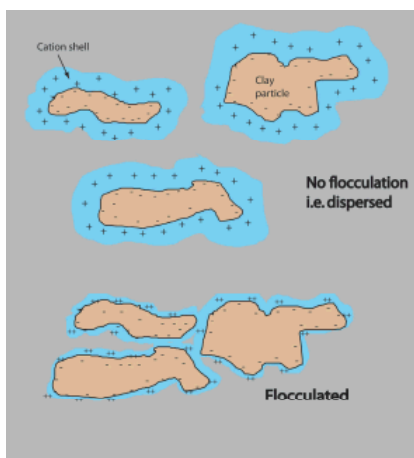
- Clay (soil)
- Container
- Water
- 9V battery
- Wire (paperclip)
- Papertowel

Contexts

- All educational levels
- In-class demo or student activity
- Laboratory activity

Engagement

- Campus lawn
- Campus garden
- Student's home
- Others?



Reflection

- pH
- Eh

- Flocculation
- Remediation
- Plant fertility
- Nutrient availability

