

Introduction to ICT In Education

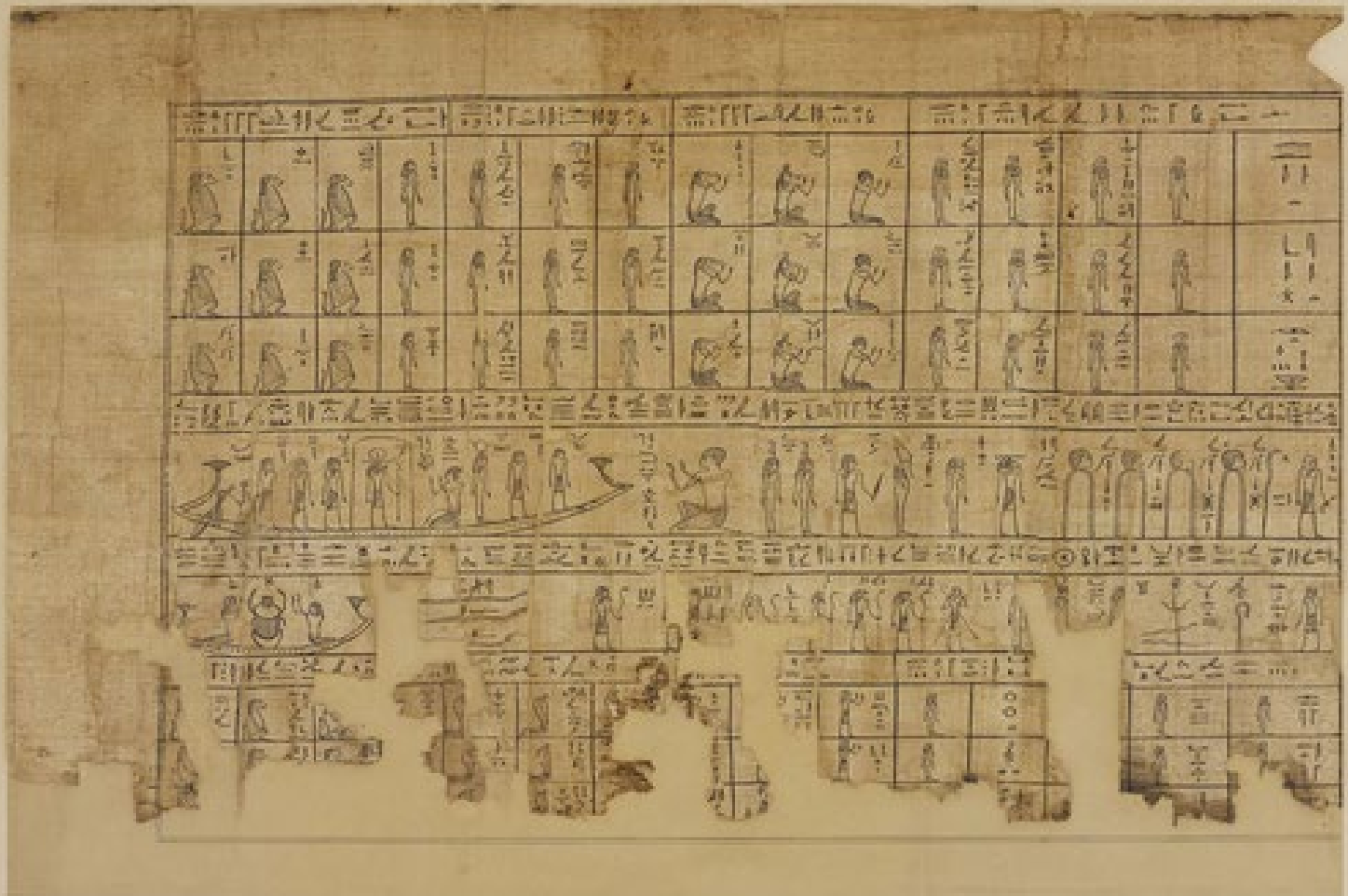


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What are ICT

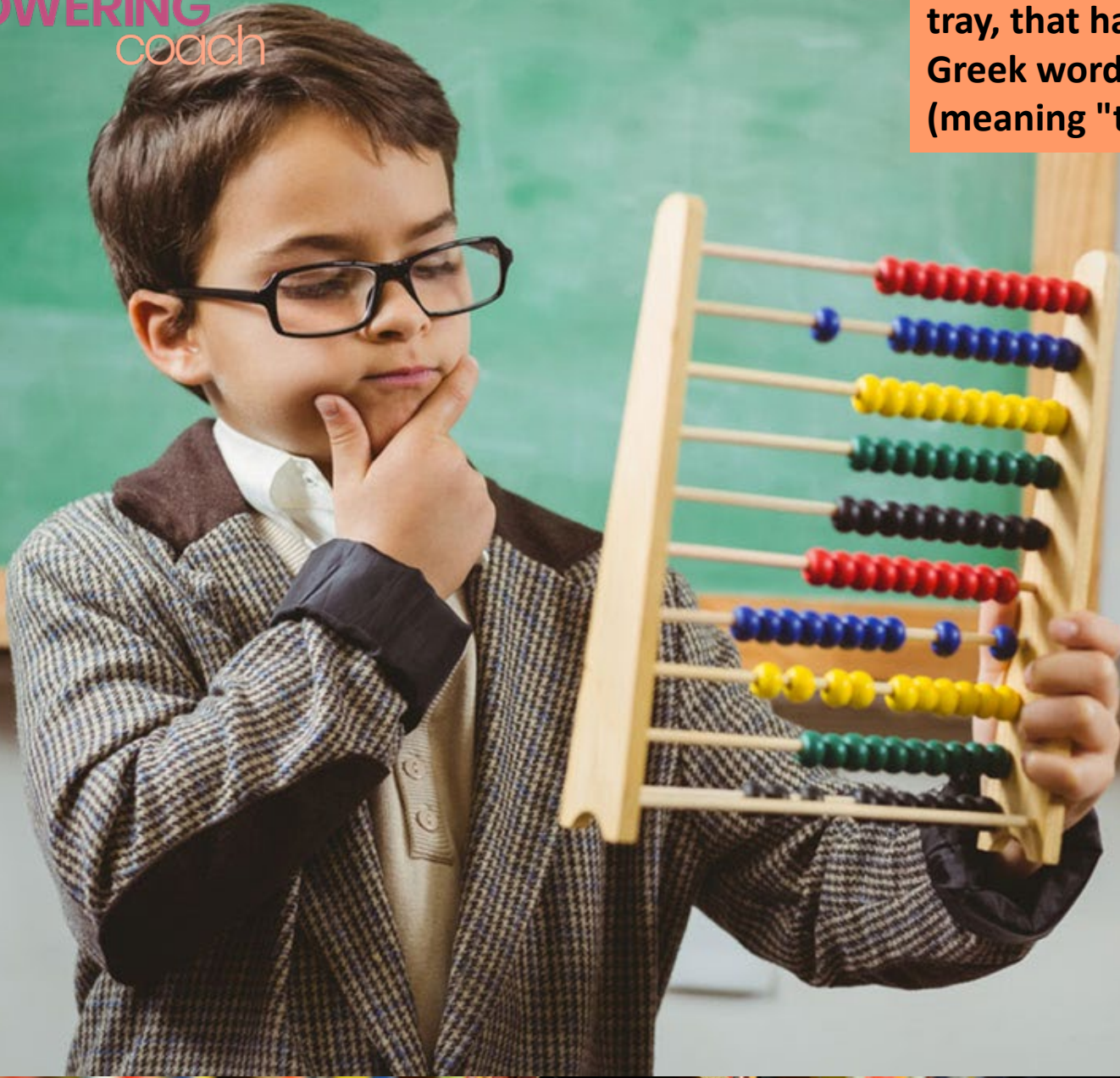




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Abacus

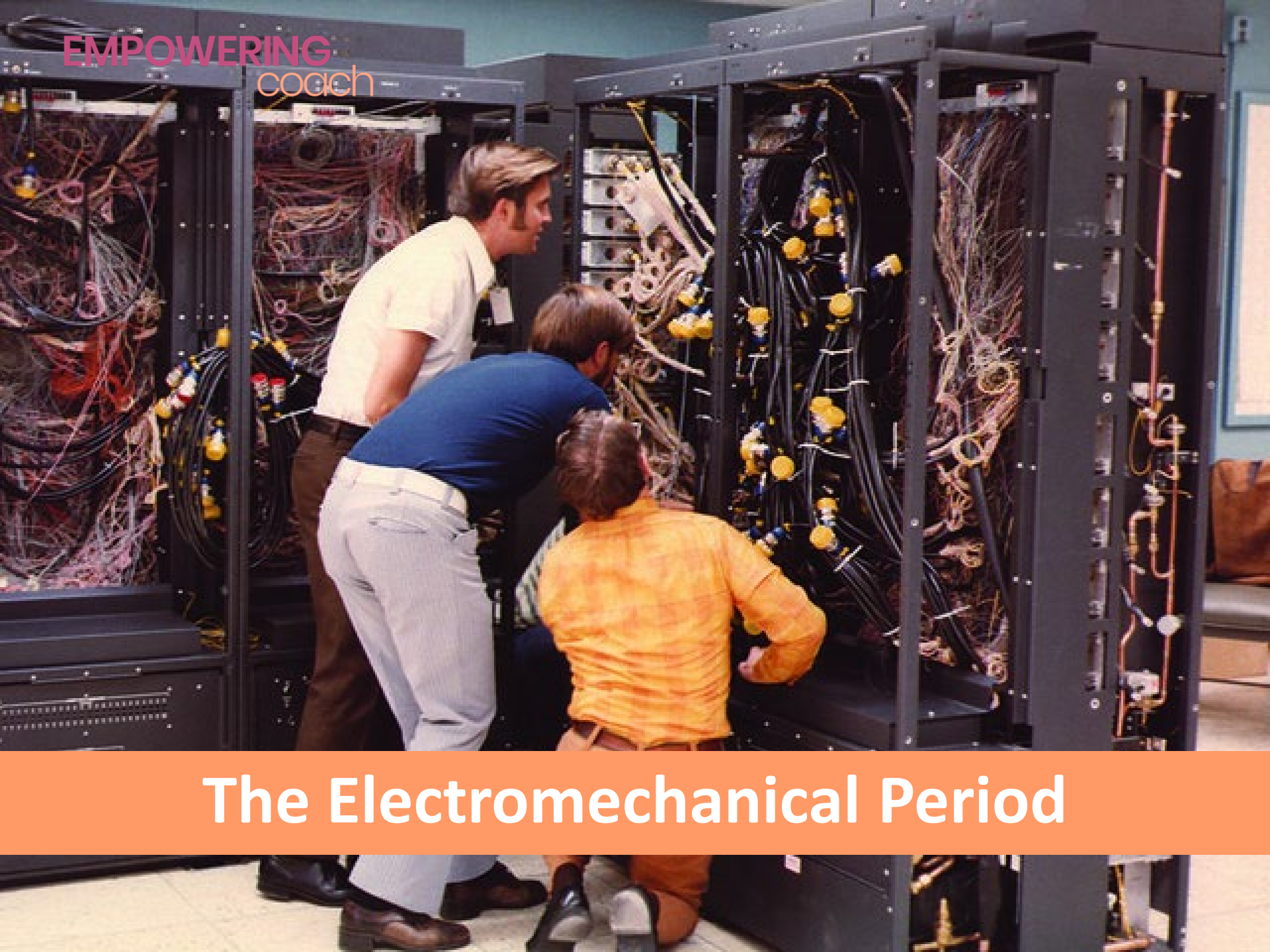
is a Latin word meaning sand tray, that has its origins in the Greek words abax or abakon (meaning "table" or "tablet")



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The Electromechanical Period

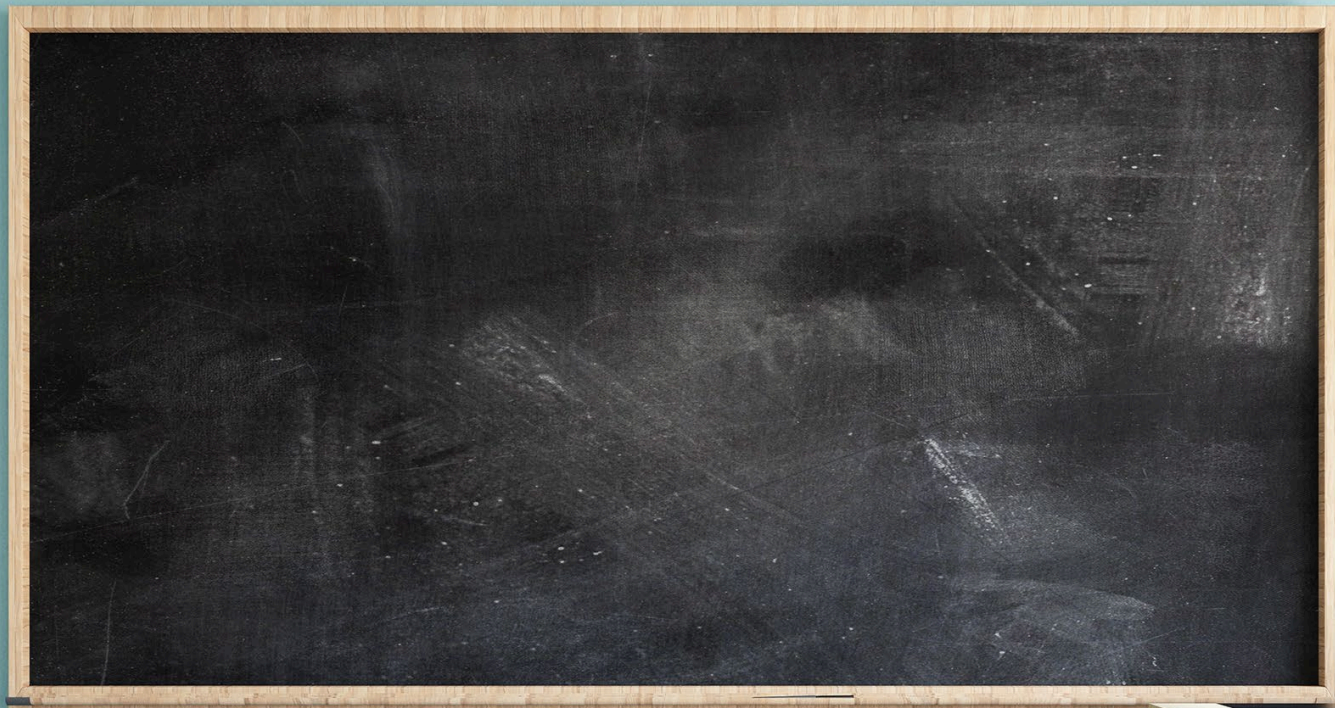
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The Electronic Period



Internet & www



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**Interactive
whiteboard**

**Interactive
tables**

tablet

**Digital
books**

**Specific
SW**

smartphone

TV

laptop

Video, DVD

**Video
conferences,
seminars**

www

internet

**Virtual
learning
environment**



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ICT

- **Presentation**
- **Demonstration**
- **Drill**
- **Practice**
- **Interaction**
- **Collaboration**



- **Teaching & learning**
- **Simplify administration**
- **Enhance stimulating & engaging classroom methods**



Advantages & Disadvantages

Disadvantages of ICT in Education

- Misleading/misguiding information
- Managing courses online is difficult
- Not accessible everywhere
- Experience to handle ICT needed
- Implementing comps/internet is expensive
- Few believe that comps can limit imagination
- A risk to the traditional books and handwriting methods
- Replace the convention education curriculums
- Risk of cyber attacks

Advantages of ICT in Education

- Enhances the modes of communication
- Cost-efficient
- Paperless – eco-friendly
- Better teaching / learning methods
- Teachers can teach better with images, videos, graphics while delivering lessons
- Educators can create engaging, interesting well designed classroom activities
- Minimize costs/ save time
- Easy student management
- Interactive and collaborative teaching/learning methods
- Direct classroom teaching
- Awareness of the social impact of technological change in education
- Web-based LMS tools
- Enhance e-learning and LMS
- Independent learning platforms
- Enhanced data and information security