



# Curriculum

What do ICT, DT,  
RE and PE stand  
for?

# Basic terminology

- Stages
    - Early years education
    - Primary education
    - Secondary education
    - Tertiary / Higher education
  - Cycles
    - Early years – first cycle: 0-3
    - Early years – second cycle: 3-6
    - Primary – initial: 7-8
    - Primary – middle: 9-10
    - Primary – higher: 11-12
- Fields
    - Linguistic, Artistic, Digital
  - Dimensions
    - Written expression, problem-solving
  - (Subject) Areas
    - Catalan language, Mathematics
  - Basic competences
    - Search for information, Participate in discussion

# Early Years

## Areas

- self-discovery and discovery of others
  - motor skills, bodily expression, emotional wellbeing, psychomotor skills, relationships, habits, self-esteem
- discovery of the environment
  - daily activities, family participation, mathematics, sensorial exploration and experimentation, natural environment, outings, gender roles
- communication and languages
  - spoken expression, musical expression, visual and plastic expression



# Primary: basic competences

- Communicative - linguistic and audiovisual
- Mathematical
- Knowledge of and interaction with the physical world
- Artistic and cultural
- Digital
- Social and citizenship
- Learning to learn
- Self-reliance, personal initiative and entrepreneurship

# Primary: subjects

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Catalan language  
and literature

Spanish language  
and literature

First additional  
language

Mathematics  
(Math(s))

Knowledge of the  
natural  
environment

Knowledge of the  
social and cultural  
environment

Artistic education :  
visual and plastic,  
music and dance

Physical education  
(P.E.)

Social and civic  
values education or  
religious education

# Secondary: fields

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Linguistic

Matemathical

Scientific-  
tecnological

Social

Artistic

Physical  
education

Culture and  
values

Digital

Personal  
and social

# Secondary: subjects (not previously mentioned)

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Applied mathematics

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Natural sciences: physics and  
chemistry

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Natural sciences: biology and geology

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Social sciences: geography and history

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Economics

- Latin
- Chinese
- Dramatic arts and dance
- Cultural and ethical values
- Philosophy
- Information and communication technology (ICT)
- Documentation



Did you study any subjects not listed on these slides?



Which subjects were you good at?



Which subjects did you find difficult?



Were there any subjects you wanted to study but couldn't?



List factors which influence whether children perform well in subjects or not?

# Discussion



# STEM and STEAM

STEM represents science, technology, engineering and maths.

STEAM represents STEM plus the arts – humanities, language arts, dance, drama, music, visual arts, design and new media.

STEM explicitly focuses on scientific concepts.

STEAM investigates the same concepts, but through investigation and problem-based learning (PBL) methods used in the creative process.