

# Educational Technology at MHG

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#### **Digital competence**

Readiness to use digital technology to cope in a rapidly changing knowledge society, both at work, when studying, when acting as a citizen, and when communicating in communities.

National Curricula of Elementary and Secondary Schools

Integrated into subject lessons

### **Digital Competence Model in Estonia**





#### Teacher's digital competence model

Description of the basic skills necessary for the teacher



# The learner's digital competence model

A description of the basic skills needed for each person

https://digipadevus.ee/

# **Teacher's Digital Competences**



- Professional development and involvement
  - communication, cooperation, reflection and self-improvement

#### Digital learning materials

 selecting, creating and sharing digital learning materials

#### Teaching and learning

managing and implementing digital technology for learning

#### Evaluation

using digital technology for assessment

#### Student empowerment

engage, differentiate and individualise student support

# **Student's Digital Competences**



- Information and data literacy
  working with digital information
- Communication and cooperation in the digital environment
  - ➤ collaborating using digital technology
- Creation of digital content
  - developing digital content with appropriate copyright licenses
- Digital safety
  - protecting digital devices and personal data etc

#### Troubleshooting

➤ solving technical problems

#### **Collaborative responsibility** tablet computers laptops **Educational Technologist** software computer lab creates a plan of action online platforms robotics introduces organizes professional equipment platforms and development software **Teacher IT Specialist** connects assists meaningful plans learning technology to use of technology engagements with equipment and learning digital tools maintenance A student with good troubleshooting advocates the digital integrates digital importance competences competences and skills copyright digital safety to lessons accounts and develops personal passwords digital literacy

# **Developing Digital Competences at MHG**



- curriculum of digital competences
- explicit teaching of digital skills
- Using technology meaningfully
- digital competences of teachers
- Exploring new digital tools and technologies





#### Any questions?