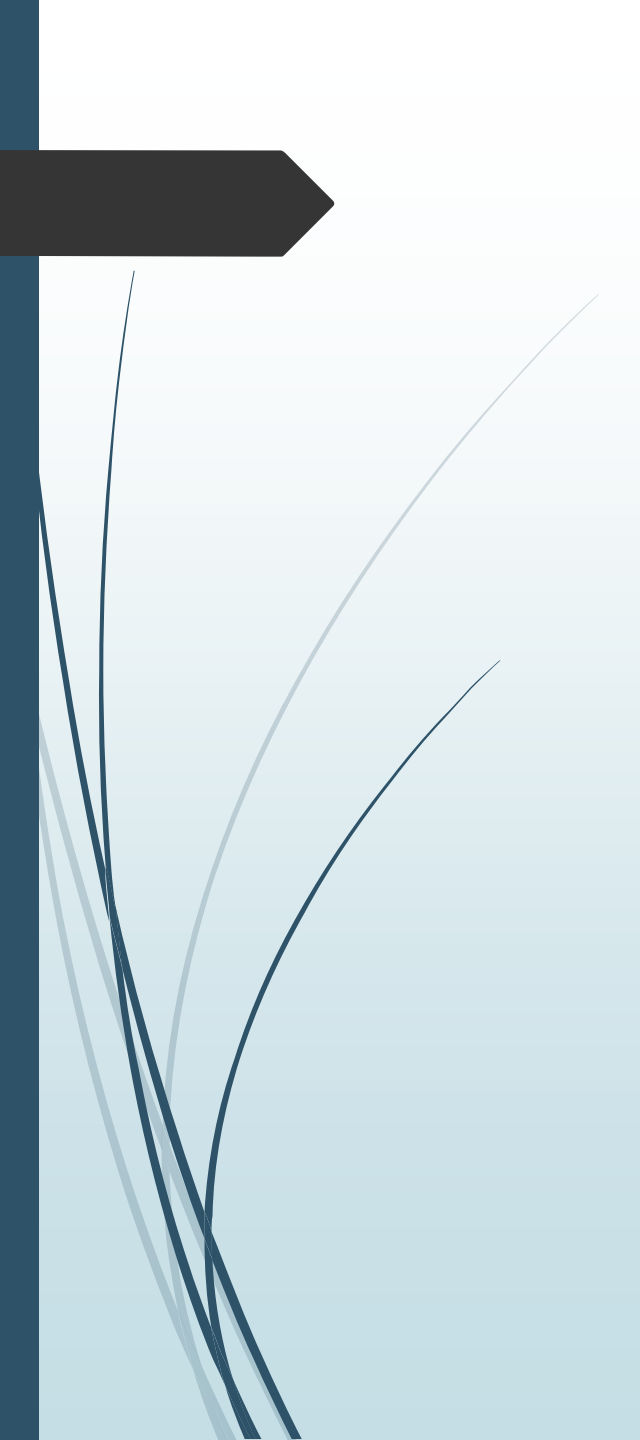




Pivotal role of teachers



*„It is supreme art of the
teacher to awaken joy and
creative expression and
knowledge.“*

▀ Albert Einstein



The crucial role

The teachers are entrusted with our children, with their and our future. ICT has become an integral part of our everyday life and will be even more important in the future. But it is still not used enough in our schools. There are many factors, but mainly the teachers are the ones who decide about the use of ICT. For that, they need enough support and knowledge. They also need to believe that ICT is the best way to teach. They should be confident in use of technology. And they should have enough time to innovate. That's why the teachers are the key element in delivering innovation (ICT) in their children's learning. They are the ones who prepare activities and inspires students to learn. And not only that they prepare lessons, they often prepare needed learning materials and they select and evaluate software and hardware. If we want teachers to use ICT in their teaching, they should have a proper professional development opportunities and the supporting working environment.



The role of teachers in ICT-enhanced learning environment

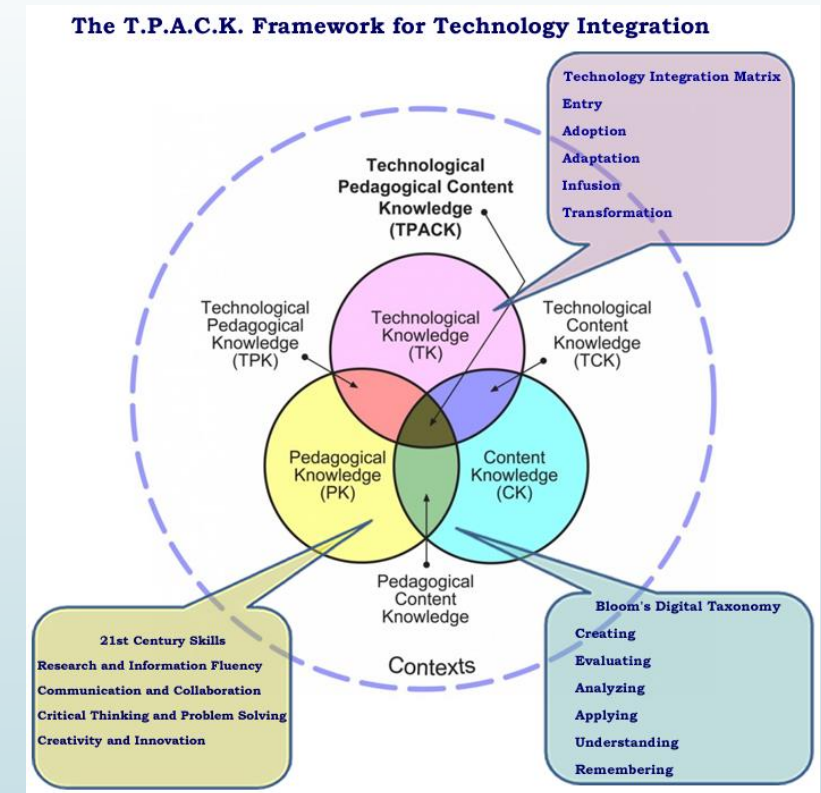
Teachers ...

- ... choose appropriate tools and learning material
- ... prepare lessons and develop learning material
- ... teach their subject's knowledge and also digital literacy
- ... collaborate with other teachers to learn from each other and also to provide cross-curricular connections
- ... encourage students to be creative, innovative, active learners
- ... develop student-centred learning environment
- ... help students to develop 21st Century skills: collaboration, problem solving, communication ...
- ... can be more creative when teaching and deliver learning content in various ways which were not possible before
- ... make learning fun and engaging for students
- ... are role models for life-long learning
- ... and so on

The Competenties

As technology integration continues in our society, also teachers need to possess the skills of digital age.

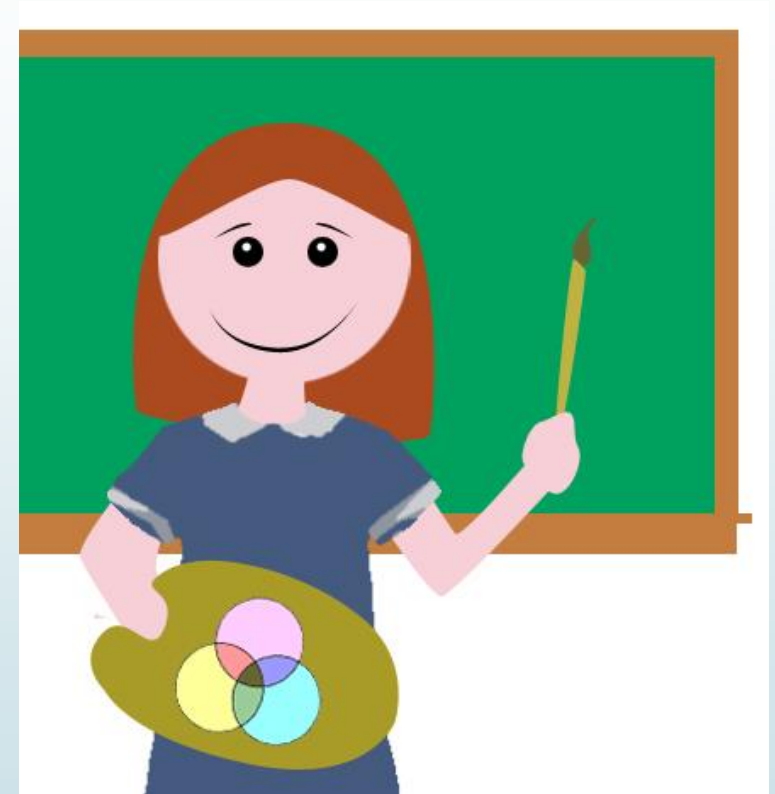
- Knowledge about **ICT** (digital literacy, information literacy ...)
- Knowledge about **new pedagogies**; how to inspire students to learn and be creative (with new technologies)
- Knowledge (ideas) about how to use ICT in their **subject**.



Source:

<http://eadm820.files.wordpress.com/2012/02/tpack-model.png>

- They should know how to prepare lessons, create and evaluate learning material and assessment with new technologies
- Life-long learning is expected for them and for their students
- Creativity, flexibility, innovation
- Team-work, collaboration



http://2.bp.blogspot.com/_PFiJ4iKzlbQ/TLx1vlgmRrI/AAAAAAAAAB8/E2fPTPX1MkM/s1600/tpack+artist.jpg



The conditions that support teachers

- Appropriate technology is available every time when needed
- Freedom to explore their own interests in using ICT for teaching
- ICT competencies
- Smaller classes
- Support from school leadership
- National policy is supportive to use ICT for education
- Technical support
- TPD opportunities: peer evaluation, collaborative working environment, conferences ..., mentor teacher for beginner teachers
- Parents' support
- Enough time to innovate