Keys to the Future

Key Competences in VET and Working Life – a Finnish Model

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Axxell VET education
61 Vocational qualifications
- 32 Upper secondary vocational qualifications
- 21 Further vocational qualifications
- 8 Specialist vocational qualifications

5863 Students
- 818 Youth
- 2571 Adult
- 2474 Migrants
Of which 342 are apprenticeship training

1001 Completed qualifications
- 702 Vocational qualifications
- 299 Qualification units

25,6 Million euros in turnover

53 International exchanges
- 37 Student Exchanges
- 16 Staff Exchanges

203 Places in student dormitories
- 21 Karjaa
- 18 Tammisaari
- 104 Brusaby
- 59 Parainen

39 Projects
- 29 National
- 10 International

275 Employees
Key Competences for Lifelong Learning

“It’s what everyone in the whole world needs in order to live a good life, at home and at work.”

- Axxell student 2022 -

Combinations of knowledge, skills and attitudes important for active citizenship, further learning and working life

- Key Competences working group -
Key Competences in a VET context
(Finnish National Agency for Education)

Key Competences

- Communication and interaction
- Mathematics, science and technology
- Social and citizenship development
- Entrepreneurial
- Cultural
- Sustainable development
- Digital
- Competence development
- Cultural
Key Competences in a VET context
(Finnish National Agency for Education)
Why We Need Key Competences

• Personal fulfilment and development
• Employability and social inclusion
• Sustainable lifestyles and healthy life management
How We Acquire Key Competences

• Developing throughout life through formal, non-formal and informal learning
• By applying them in many different contexts and in a variety of combinations
• Through critical thinking, problem solving, communication and negotiation, using our analytical and intercultural skills and creativity
Key Competences in an Axxell context

- Giving students tools for
  - individual development
  - acquiring competences for the job market
  - becoming active participants in society
- Implemented in teachers' education
- Identified in curriculums
The Beginning
#SustainableEducation 2021-25
The Beginning - #SustainableEducation

• Q: What are the most important future skills and competences our students need in their working life to come?

• A: The skill to change and adapt to a changing future
Way of Working

• Axxell key competence team and small teams for every key competence,
• Theme month for every key competence
• Implementation through pedagogical lessons (weekly basis)
When do we reach "Good Enough"?

• What is the minimum requirement to say "I manage this"?
• We are all good, but in different ways. Try asking "What skills do I already have?"
• "The Good Guy"
Communication and interaction competence

- introduce oneself and state one’s purpose
- formulate written messages and respond
- greeting people appropriately
- being a good listener
- engaging in small talk
- being aware of nonverbal communication
- understanding the impact of online presence
Citizenship Competence

• understanding voting and elections
• awareness of the possibilities to influence society
• understanding how to report bullying at school or at the workplace
• being able to collaborate with others
• respecting others and showing tolerance for differences
Mathematics, science and technological competence

• Understanding whether an answer to a calculation is likely
• Being able to:
  • ... create a personal budget: income, expenses, and savings
  • ... calculate the cost of personal consumption
  • ... calculate the costs of unpaid and increasing credits and loans
  • ... sum up the total cost for various purchases
  • ... perform basic percentage calculations
  • ... handle units and unit conversions
Sustainability

- Sustainable Development – mandatory
- #HållbarUtbildning – strategic goal
  - Climate neutrality 2035
  - From ”footprint” to ”handprint”
- Axxell Green Day – yearly theme day
- Education materials
- Sustainability (qualification unit, 15 credits)
Teachers’ Point of View

Augusti: Kompetens i välbefinnande
Arbetarskydd, pausgymnpa, ergonomi, orka studera (vid sidan av jobbet)

September: Kompetens att utveckla kunnandet
Uppgift om självledarskap, Ted Talk om positiva och negativa tankar

Oktober: Kompetens i hållbar utveckling
Utvärdera verksamheten kritiskt och presentera förslag och lösningar för en hållbar framtid, materiallära

November: Kulturell kompetens
Beställningsarbete: Luciasmycke Vanda

December: Entreprenörskompetens
Julmarknad

Januari: Matematisk kompetens och kompetens inom naturvetenskap och teknik
Yrkesmatematik + materiallära

February: Kompetens i kommunikation och interaktion
YP Produktifiering o marknadsföring

Mars: Kulturell kompetens
Smycken som kulturbärare och som kommunikation

April: Digital kompetens
Yrkesprovet

Maj: Kompetens att utveckla kunnandet

Juni: Kulturell kompetens
Slutarbeten
Wellbeing (Axxell key competence for lifelong learning)

- Being physically active, recovering, and eating healthily
- Being aware of health risks associated with unhealthy habits
- Contributing to a pleasant, secure, and safe environment at school
- Recognizing important things that contribute to well-being
- Knowing how to access welfare services
- Understanding one’s strengths and areas for development
- Being able to interact with others in various situations and follow common rules of courtesy
Thank You for Listening!

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