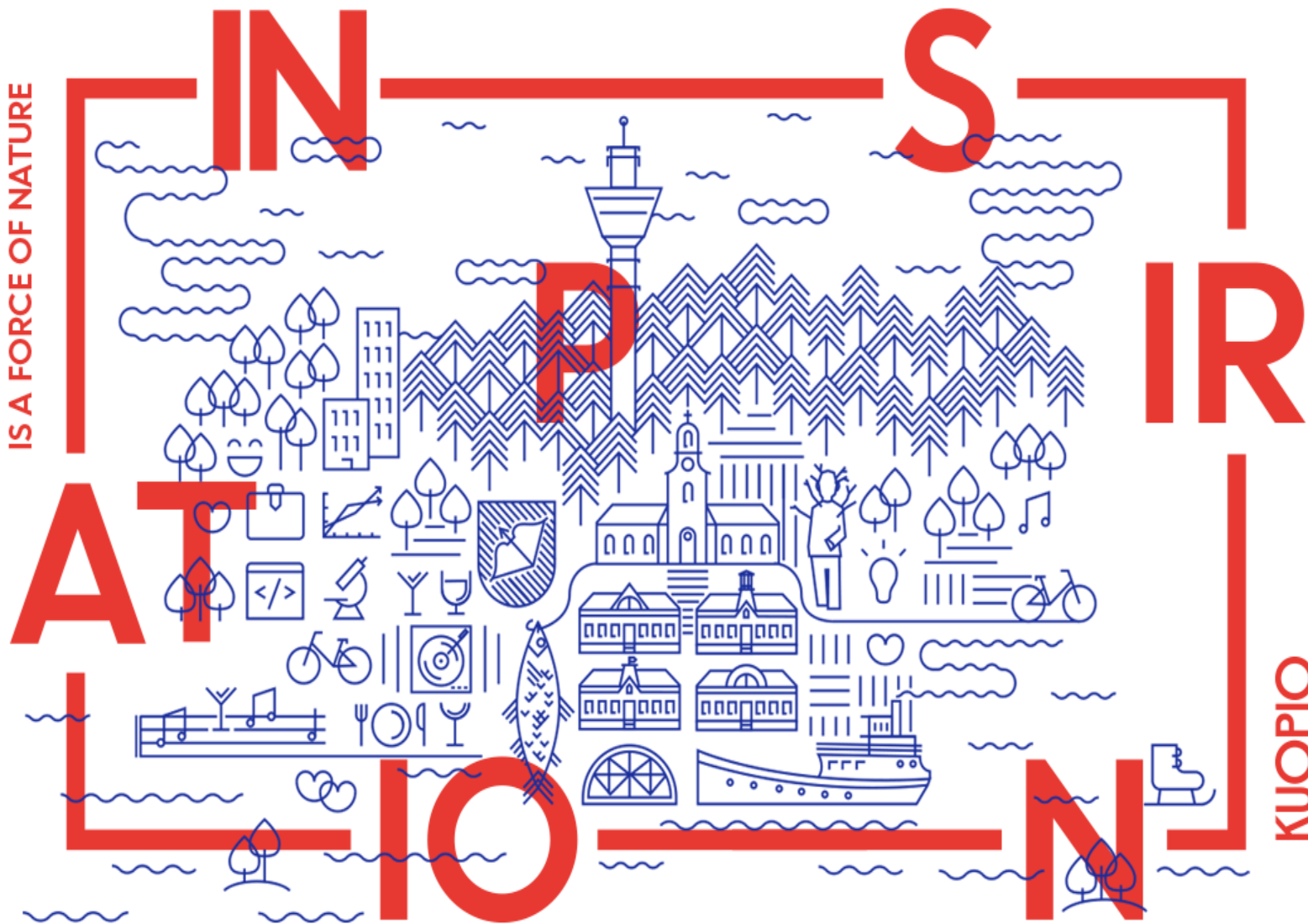


HERE INSPIRATION
IS A FORCE OF NATURE



KUOPIO

A GOOD
ENVIRONMENT
FOR
CHILDREN
TO
GROW UP



KUOPIO

Educational structure in Finland

Achieving educational goals

Wellness Promotion and Learning services of Kuopio City



Wellness Promotion and Learning services of Kuopio City

Director, Wellness Promotion and Learning,

Mr. Pekka Vähäkangas

E-mail: pekka.vahakangas@kuopio.fi

Chief of Basic Education, **Ms. Taina Vainio**

Tel. +358 44 718 4018

E-mail: taina.vainio@kuopio.fi

Director of Education, **Ms. Leena Auvinen**

Tel. +358 44 718 4003

E-mail: leena.auvinen@kuopio.fi

Chief of Basic Education, **Mr. Mika Kuitunen**

Tel. +358 44 718 5151

E-Mail: mika.kuitunen@kuopio.fi

Director of Early Childhood Education,

Mr. Juha Parkkisenniemi

Tel. +358 44 718 3500

E-mail: juha.parkkisenniemi@kuopio.fi

Chief of Upper Secondary Education,

Mr. Jukka Sormunen

Tel. +358 44 718 4040

E-mail: jukka.sormunen@kuopio.fi

AGENDA

- Facts about Finland
- Education system
 - City of Kuopio
 - Early childhood education and care
 - Basic education
 - Upper secondary education and training
 - Adult education
 - Higher education
- Teacher education
- Support for pupils and students / aspects of school health promotion



Kuopio is a centre of health, well-being
and environmental competence,

*providing services that promote the well-being
and boost the activity of local residents.*

Kuopio is known as the best environment for
children to grow up.

Welcome to the capital of happiness!



Strong growth centre and an active university city

- Centre of Eastern Finland

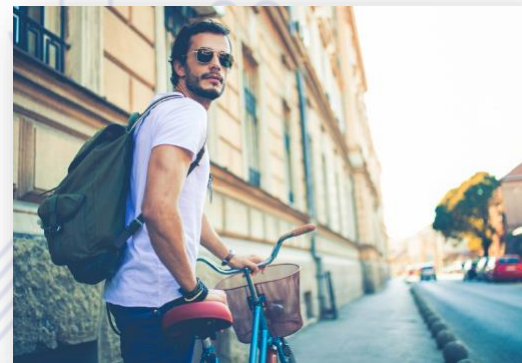
- Aproximately 118 700 inhabitants


- 9th largest city in Finland

- city of trade and education
- city of sports
- city of culture
- city of tourism
- city of modern industry
- most free-time residences

- A universty city focusing on well-being, health and environmental know competence

- City of dance and music



A group of five students are gathered in a snowy forest. One student in a white winter jacket is pointing at a tablet held by another student in a dark jacket. The other students are looking on. The scene is outdoors with snow-covered trees and ground.

Interdisciplinary learning across subjects.

BASIC EDUCATION

Finland in brief

population 5.5 million (18 inhabitants / sq. km)

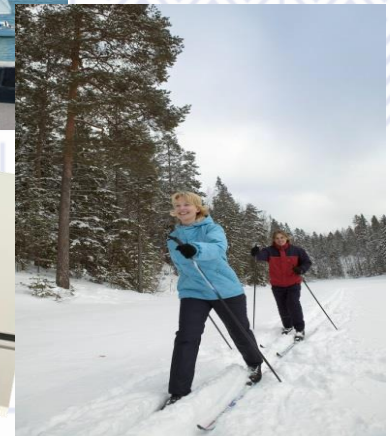
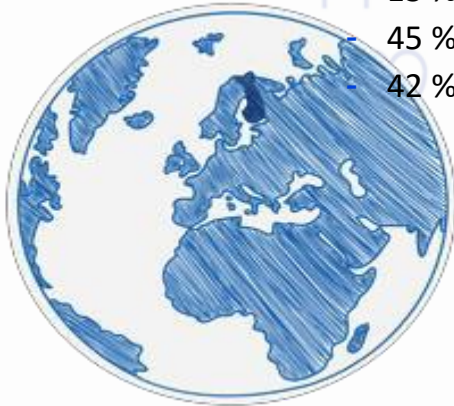
two million Saunas

two official languages: Finnish and Swedish

persons with foreign background :
6.2 % of the population

education level of the working age population:

- 13 % basic education
- 45 % upper secondary education
- 42 % higher education



The Finns



Officially bilingual: Finnish and Swedish

FINLAND IN FACTS

5.5 million



(1.4 million inhabitants in Helsinki metropolitan area)



Life expectancy



Official languages are **FINNISH**... (spoken by 87.9%)

...and **SWEDISH** (spoken by 5.2%)

SÁMI is the mother tongue of about 1,900 people.

GDP per capita (2017)

40,612 €

Currency unit: **EURO**

REPUBLIC, parliamentary democracy; 200-member, unicameral parliament

Independence Day
DECEMBER 6

1917



1995



1955



Christianity;
70.9% **LUTHERAN**
and about
1.1% **ORTHODOX**

Why Are

The country's especially the

Teacher Network

The big lesson from the world's best school system? Trust your teachers

K-12



OPINION: How Finland broke every rule — and created a top school system

It's not just a "Nordic thing"

by WILLIAM DOYLE

February 18, 2016

Spend five minutes in Jussi Hietava's fourth-grade math class in remote, rural Finland, and you may learn all you need to know about education reform – if you want results, try doing the opposite of what American “education reformers” think we should do in classrooms.

Instead of control, competition, stress, standardized testing, screen-based schools and loosened teacher qualifications, try warmth, collaboration, and highly professionalized, teacher-led encouragement and assessment.

At the University of Eastern Finland's Normaalkoulu teacher training school in Joensuu, Finland, you can see [Hietava's students](#) enjoying the cutting-edge concept of “personalized learning.”

Related: [Everyone aspires to be Finland, but this country beats them in two out of three subjects](#)



Jussi Hietava's fourth-grade class at the University of Eastern Finland's Normaalkoulu teacher training school in Joensuu, Finland.

Why Finland is changing its top-

age - and is the heart of what

Finland has long and always score

ing of the pas



ek

ERICA'S BEST SCHOOLS

's Best High : The List

"This is what we do every day," says Kirkkojarvi Comprehensive School principal Kari Louhivuori, "prepare kids for life." (Stuart Conway)

on't complete school in her city, replied, "I can tell you their rates, KIPP charter schools enroll students from the poorest one of them graduates high school—80 percent make it to evenement gap among ethnic minorities from 17 percent to 5

Watch Real Gulf Stories at bp.com

CITY OF KUOPIO

SCHOOLS:

Basic Education

40

Upper Secondary Education

6

(incl. North Savo Region Academy of Sports
and International Baccalaureate IB)

Upper Secondary Education for Adults

1

Community College

1

PUPILS/STUDENTS:

Basic Education

10 438

Upper Secondary Education

2400



CITY OF KUOPIO

TEACHERS:

Basic Education	763
Upper Secondary Education (incl. full-time and part-time teachers)	141

OTHER STAFF:

School psychologists	9
School pupil welfare officers	9
School helpers	261
School secretaries	26

EDUCATION IN ENGLISH

The English Kindergarten of Kuopio
(age group 3-7)

Rajala Primary School
(age group 7-13)

Hatsala Classical School
(age group 13-16)

Kuopion Lyseon lukio High School
(age group 16-19)

- The IB Diploma program



KUOPIO COMMUNITY COLLEGE

Opportunities to study different languages, handicrafts, visual arts, music, computing, physical education and many other subjects - in total, over a thousand courses every year

Courses for different age groups: for children, adolescents, adults, seniors and also child-adult courses

Regular and intensive courses, Basic to Advanced level courses, Internet courses, Specialised and Tailor-made courses, language and Computer Skills examinations

Daytime, evening and weekend courses, Week-long, term-long and year-long courses, Multimedia and web courses



DIGITAL LEARNING AT SCHOOLS IN KUOPIO

- Internet, computers and smart phones are used for educational purposes at schools in Kuopio on a daily basis, either at teacher-led or student-centred individual or collaborative learning situations.
- Several digital learning environments are supported (Office 365, Peda.net and Moodle) and local ICT curriculum defines aims for digital skills of students.
- Besides using versatile digital learning materials and software applications also robots and virtual reality devices are being utilized to improve learning outcomes.
- In primary schools video conference system is used especially when teaching foreign languages for small groups



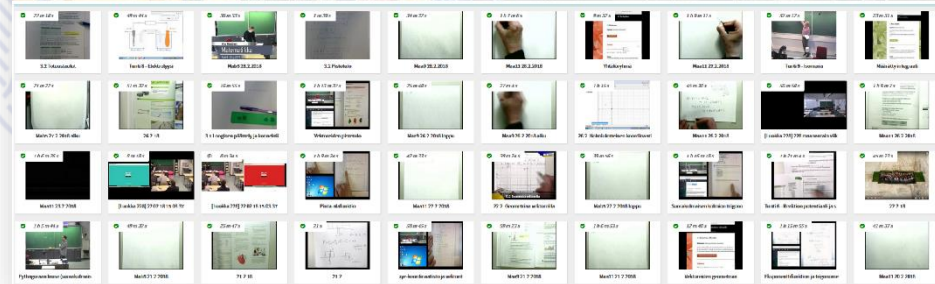
DIGITAL LEARNING AT SCHOOLS IN KUOPIO

Use of ICT provides diverse and flexible learning paths but requires adequate skills from both teachers and students

- ICT skills of teachers are supported by tutoring teachers and offering training for teachers
- Student ICT skills are enhanced either by integrated teaching or separate voluntary courses

Upper secondary schools record and save some of their lessons to be watched later by the students (lecturecapture).

About 1500 lessons yearly in Kuopio.



Education in Finland

A close-up photograph of a black chalkboard with a wooden frame. The equation $1 + 2 = 3$ is written in white chalk on the board. The lighting is warm, creating a soft glow around the board.
$$1 + 2 = 3$$

100 years of Finnish education



1921

The act on compulsory education is enacted, covering all children aged

7-13



1948

The act on school meals brings free-of-charge lunches to schools



1958

Compulsory education is extended by two years



1971

A five-day school week is implemented



1972

The comprehensive school reform begins



2006

Reform of the core curriculum

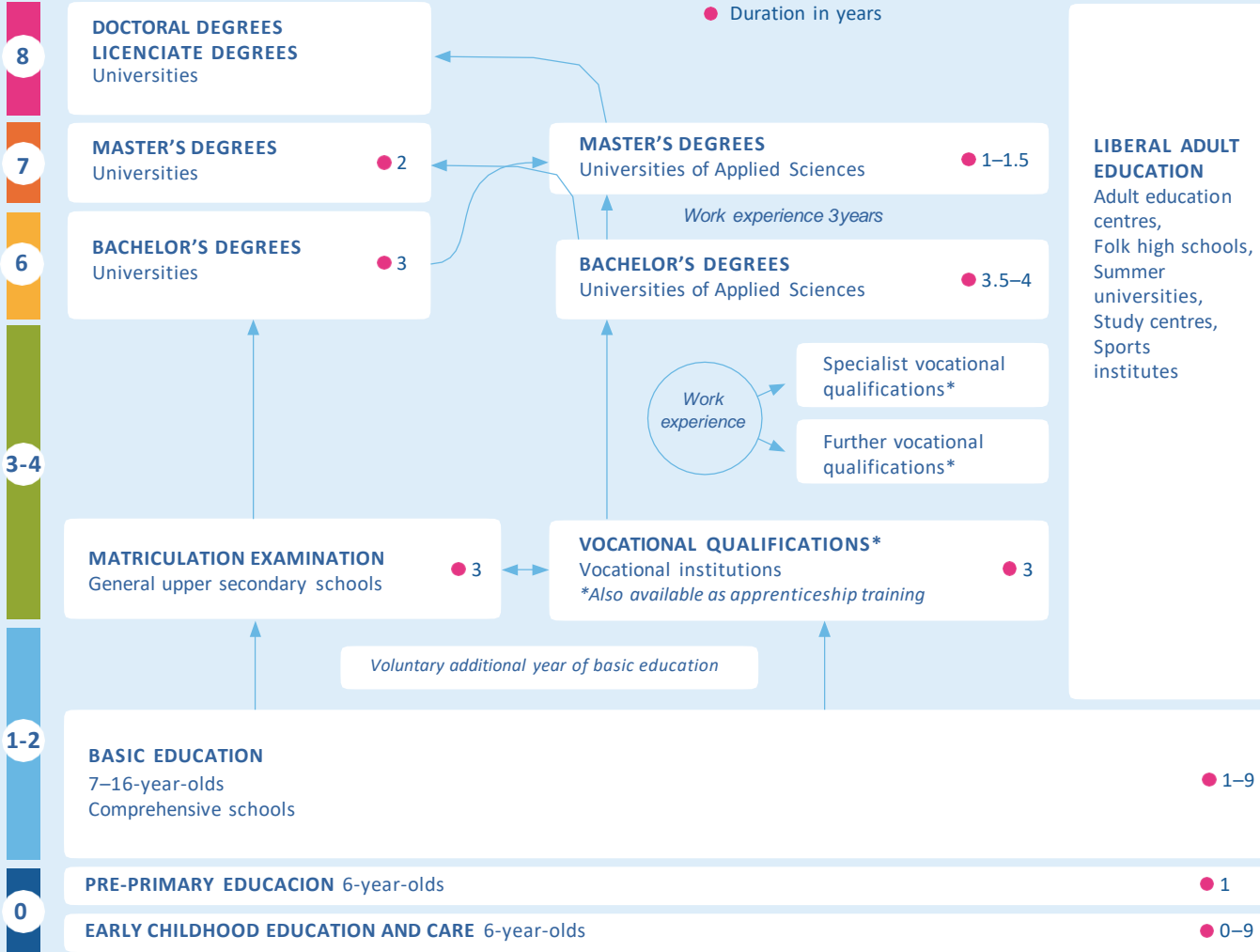


2016

New reform of the core curriculum

EDUCATION SYSTEM IN FINLAND

● Duration in years



LIBERAL ADULT EDUCATION
 Adult education centres,
 Folk high schools,
 Summer universities,
 Study centres,
 Sports institutes



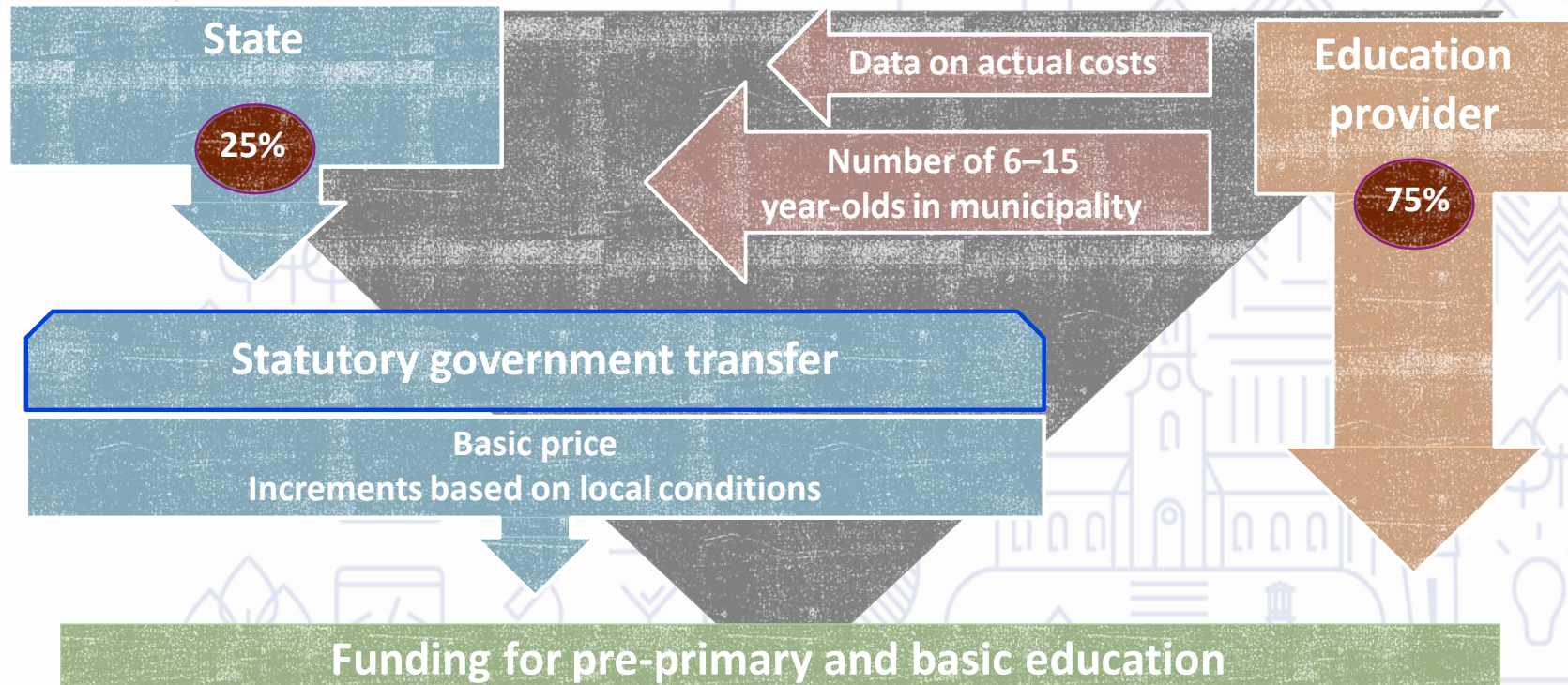
ISCED-CLASSIFICATION 2011

0 Early childhood education, 1 Primary education, 2 Lower secondary education, 3 Upper secondary education, 4 Post-secondary non-tertiary education, 6 Bachelor's or equivalent, 7 Master's or equivalent, 8 Doctoral or equivalent

Features of basic education

- A nine-year comprehensive curriculum for the whole age group
- A one-year pre-school and a voluntary one-year additional education (10th form)
- No charges
- **Free** school lunch, school transport/5km, text books and teaching materials, school health service
- No degree; a final certificate will be given for completing the syllabus
- Provides eligibility for all upper secondary education
- Dropping out of school and repeating years are rare
- Compulsory education is fulfilled by completing the basic education syllabus
- Local authorities can also provide voluntary morning and afternoon activities for pupils in basic education

Funding of pre-primary and basic education in a nutshell



Expenditure on education 2016

Operative costs per pupil/student

pre-primary education	5 855 €
basic education	9 016 €
general upper secondary	7 697 €
vocational upper secondary	10 446 €

First grader in Finland

- is (six or) seven years old
- spends 19-20 hours a week at school
- has 19 classmates
- has no national tests until the age of 15 and again in the age of 18
- has health education embedded to environmental studies (from 2016 onwards)
- receives free school lunch daily
- receives free school health services
- receives free health services
- has a teacher with qualification of M.A. (university degree)
- has a cell phone
- usually walks or bikes to school (if way to school is less than 5 km)
- has no snow days (nor frost days, -30 degrees Celsius is not a reason to stay home)
- has a life expectancy (at birth) of 77,8 years (males) / 83,8 years (females)



Opiskelijan työjärjestys

◀ 21.05.2015 ▶ LV 14-15 (12.8.2014 - 30.5.2015) ▼

	Ma 18.05.	Ti 19.05.	Ke 20.05.	To 21.05.	Pe 22.05.
08:00				RA2.1 KinMa PÄÄRYNÄ	UE Jät 4B
09:00		YM JaJo 4B	UE Jät 4B	MU TAS MU	MA Jät TP 4B
10:00	AI Jät 4B	LT Jät SALI2	AI Jät 4B	ENA Jät 4B	KU Jät 4B
11:15	MA Jät 4B		AI Jät 4B	LT Jät SALI2	KS.TS TP TS
12:15	YM JaJo 4B	AI Jät 4B	MA Jät TP 4B	MA.B Jät 4B	
13:15		RA2.1 KinMa PÄÄRYNÄ	YM JaJo 4B	ENA.B Jät 4B	
14:15			ENA LIT.1 JaJo 4B	AI.B Jät 4B	



Subject/class	1	2	3	4	5	6	7	8	9	1-9
Mother tongue and literature	7	7	5	5	4	4	3	4	3	42
A1-language	1 *	1*	2	2	3	2	2	2	3	16
B1-language						2	2	1	1	6
Mathematics	3	3	3	4	4	4	3	4	4	32
Environmental studies	2	2	2	2	3	3				14
Biology and geography							2	2	3	7
Physics and chemistry							2	2	3	7
Health Education							0,5	1,5	1	3
Religion/Ethics	1	1	2	1	1	1	1	1	1	10
History and social Studies				1	2	2	2	2	3	12
Music	1	1	1	1	1	1	2			8
Visual Art	1	1	1	2	1	1	2			9
Crafts	2	2	2	2	2	2	2			14
Physical education	2	2	3	2	2	2	2	3	2	20
Home economics							3			3
Artistic and practical elective subjects			1	2				3	2	8
Guidance counselling							0,5	0,5	1	2
Elective subjects					2	1		3	3	9
Kuopio bonus hours	1	1	1							3
Lessons per week	20	20	23	24	25	25	29	29	30	225
Optional language				2	2	2	2	(2)	(2)	8

Distribution of
classroom
hours:

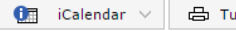
**Basic
education**

Eighth grader in Finland

- is 14-15 years old
- spends approximately 30 hours a week at school
- has 19 classmates
- has her/his first national test in grade 9
- has health education as a separate subject
- receives free school lunch daily
- receives free school health services
- receives free health services
- has a (subject) teacher with qualification of M.A. (university degree)
- has a smart phone
- usually walks or bikes to school (if way to school is less than 5 km)
- usually goes to confirmation school that is held as a 1-2 week camp usually in summer (82% participation, 42 000 adolescents)



Opiskelijan työjärjestys



28.05.2015 4. jakso (19.3. - 30.5.2015)

	Ma 25.05.	Ti 26.05.	Ke 27.05.	To 28.05.	Pe 29.05.
08:00	vKO Kotitalous.4 MP-N KO Hatsala	HI Historia MLH 147 MLH	AImus Suomen kieli EsV 145 EsV	HI Historia MLH 147 MLH	pMU Musiikki , painotettu opetus LIM 172 MU
09:00		OP Oppilaanhjaus MI 140 PuK/MuL	OP Oppilaanhjaus MI 141 TaMa	RUB Ruotsin kieli, B1-oppimäärä KaSu 149 KaSu	pMU Musiikki , painotettu opetus LIM 172 MU
10:00	pMU Musiikki , painotettu opetus LIM 172 MU	KE Kemia.2 MuL 218 LAB	BI Biologia.2 VaMi 273 BG	TTmus Terveystieto KHä 138 KHä/MI	AImus Suomen kieli EsV 145 EsV
11:20	LT Liikunta KHä	AImus Suomen kieli EsV 145 EsV		KE Kemia.2 MuL 218 LAB	ENA Englannin kieli, A1-oppimäärä TaMa 141 TaMa
12:20			TTmus Terveystieto KHä 138 KHä/MI	ENA Englannin kieli, A1-oppimäärä TaMa 141 TaMa	
13:20	MAMus Matematiikka MuL 144 KorE/HaS	MAMus Matematiikka MuL 143 ReK	RUB Ruotsin kieli, B1-oppimäärä KaSu 149 KaSu		MAMus Matematiikka MuL 142 KokJoh/HJu
14:10	ENA Englannin kieli, A1-oppimäärä TaMa 141 TaMa				MAMus Matematiikka MuL 138 KHä/MI
15:00					



FEATURES OF UPPER SECONDARY SCHOOL

- The admission requirement for the upper secondary school is the completion of comprehensive school
- Upper secondary schools select their students mainly on the basis of previous study record
- In practise application takes place through the national joint application procedure
- Upper secondary school studies primarily aim at further studies at the higher level
- Progress in studies is individual
- Syllabus planned for three years, but possible to finish in two years, maximum four years
- Students usually 16-19 years of age
- Upper secondary school instruction also provided for adults, adjusted to their circumstances
- About a half of each age group complete upper secondary school

MATRICULATION EXAM

At the end of upper secondary education students usually take the matriculation examination.

The examination consists of at least four tests.

Compulsory tests:

- **mother tongue** and three other compulsory tests from among the following four tests:
- **a second national language test,**
- **a foreign language test,**
- **the mathematics test, and**
- **one test in the general studies** battery of tests (sciences and humanities)
- optional tests:
- the candidate may include as part of his or her examination one or more optional tests

A separate assessment system:

The tests are initially checked and assessed by each upper secondary school's teacher of the subject in question and finally by the Finnish Matriculation Examination Board.

E-MATRICULATION EXAM

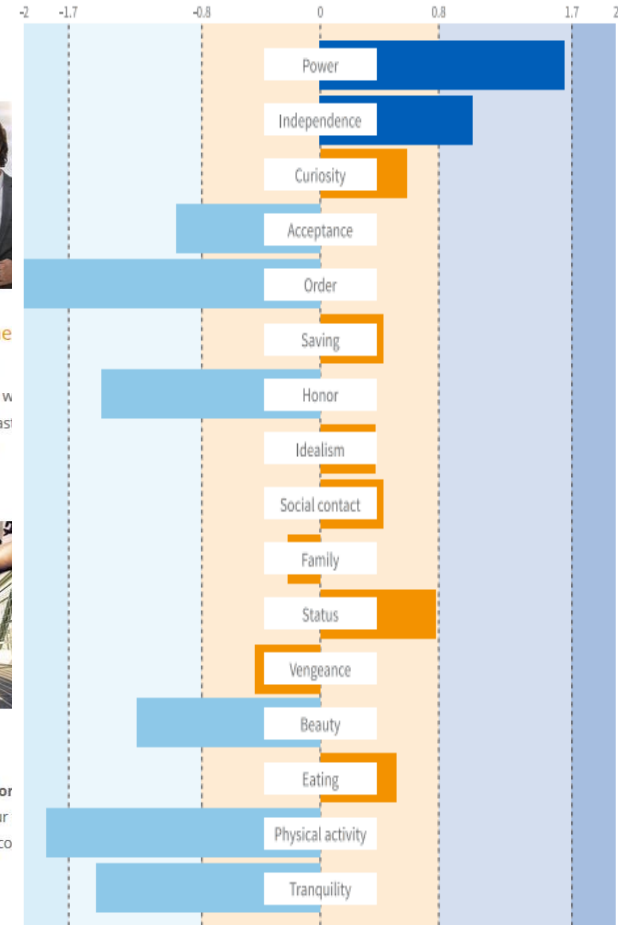


RSMP case Klassikka

Application areas

Increase your efficiency in:

<http://www.motivatelearning.com/>
<https://rmp-nordic.com/>



Team

Improve your teambuilding!

What if you were already aware of the motivation and inner goals of your potential team members before compiling your team?



Recruitment

Find exactly the employees who fit you!

What if, from the start, you have clarity about the impulses, values and inner goals of your potential employees?



Career

Get clarity about your professional development!

What if you get motivated in the morning because you feel comfortable in your new job?



Personal development

Fullfill your goals

What if you know yourself so well you can achieve your goals faster and more effectively?



Partnership

Create an active and respectful partnership!

What would happen if you knew the impulses, values and inner goals of your partner so well that you could understand him/her deeply?



Consulting

Accelerate your path to a successful discussion

What if you already had clarity about the concerns and inner goals of your customer before consulting?



Life planning

Get clarity for your future

What if you knew today where the "journey" can lead for you, because you know yourself so well that you could break free and live your life the way you are supposed to?



Sports

Optimize your athletic performance

What if you could get your performance right when it counts?

HIGHLY EDUCATED FINNS

Finland has a total of 14 universities and 25 universities of applied science, which prepare students for tasks requiring high vocational skills.

Currently, approximately 40 per cent of the age group of 30–34-year-old Finns has earned a higher education degree.

Universities in Finland

UNIVERSITY

1. Aalto University
2. University of Helsinki
3. University of the Arts Helsinki
4. Hanken School of Economics
5. University of Turku
6. Åbo Akademi University
7. Tampere University of Technology
8. University of Tampere
9. University of Eastern Finland
10. Lappeenranta University of Technology
11. University of Jyväskylä
12. University of Vaasa
13. University of Oulu
14. University of Lapland

CITY

- Helsinki
- Helsinki
- Helsinki
- Helsinki, Vaasa
- Turku
- Tampere
- Tampere
- Joensuu, Kuopio, Savonlinna
- Lappeenranta
- Jyväskylä
- Vaasa
- Oulu
- Rovaniemi
- Kuopio
- Joensuu
- Savonlinna
- Lappeenranta
- Tampere
- Helsinki



Finnish teachers are
trusted professionals

Most teachers are required a master's degree

Kindergarten teachers
180 ECTS (3 years)

Class teachers
300 ECTS (5 years)

Subject teachers
300 ECTS (5–6 years)

Teachers
of vocational
studies:

Master's , Bachelor's
+ work experience+
pedagogical studies
of 60 ECTS
(1 year)

Principals:
teacher education
+ e.g. certificate
in educational
administration

Finnish teachers are supportive

Finnish teachers believe in:

- equity and encouragement
- individual support
- strengthening the pupils' thinking skills
- developing the pupils' self-confidence and tolerance



Source: From goals to interaction.
Evaluation of pedagogy in Finnish basic education 2008
(National Council for Evaluation in Education in Finland)

Teacher education

- 5-year MA program in a university setting
- Is very popular: for example, class teacher programs for grade levels 1 to 6 -> less than 10% of applicants are accepted
- Over 70% of applicants are women
- Salary at the beginning of career: appr. 2800€/month (classroom teacher)

Gender

- 74% of basic education and pre-education teachers are women.
- 34% of secondary upper education teachers are women.
- 52% of vocational education teachers are women.

Teacher training institutions can select heavily

Intake into teacher education 2016 (% of those who applied)

Class teacher education

12%

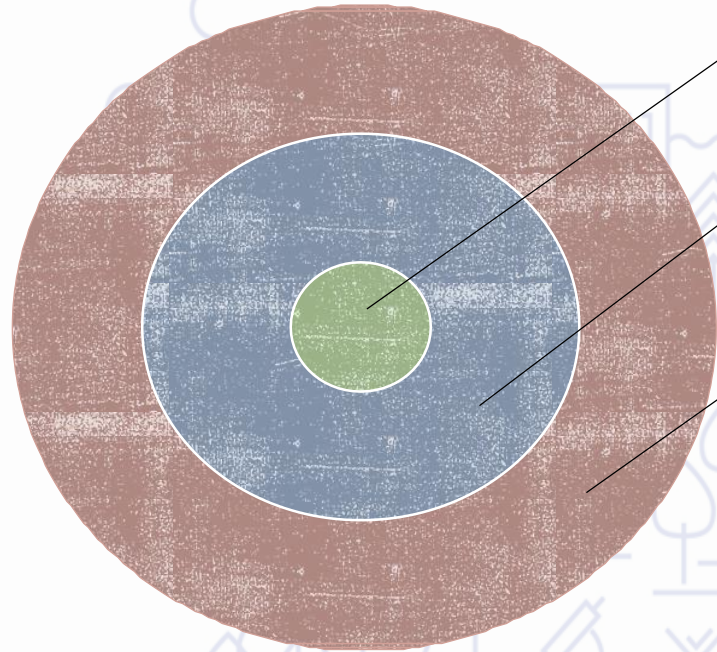
Subject teacher education

10 % – 53 %

Vocational teacher education

31 %

Teachers feel valued

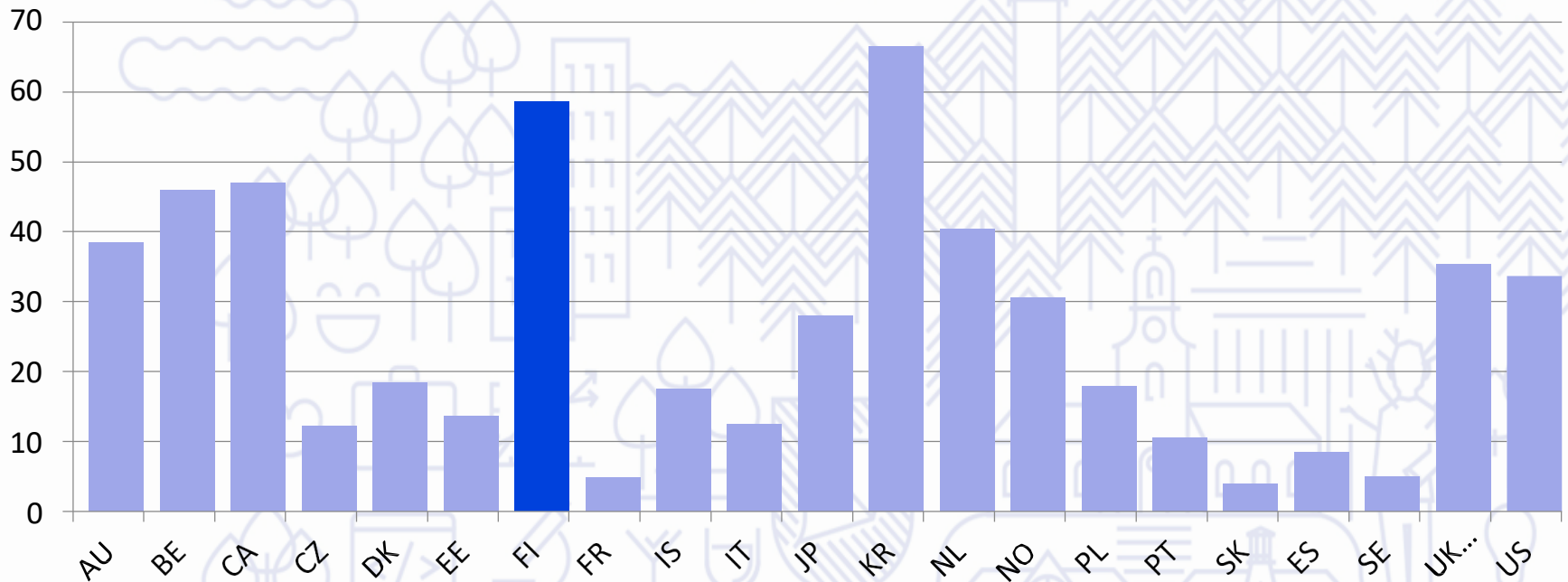


90 % satisfied with their job

85 % would choose teaching again

60 % think that their work is valued in society

I think that the teaching profession is valued in society



Teacher and principal salaries in Finland

(permanent contract, average actual gross salaries per month 2016)

• kindergarten teacher	2 600 €
• class teacher, primary education	3 500 €
• subject teacher, general upper secondary	4 500 €
• vocational studies teacher (VET)	3 900 €
• principal, lower secondary education	5 500 €
• principal, general upper secondary	5 900 €
Average salary in the municipal sector in Finland 2016:	3 050 €

Salary is not the reason to become a teacher

Average actual monthly salary in the municipal sector

* lower secondary subject teacher

Source: Statistics Finland

13/03/2018 Finnish National Agency for Education



Salary is not the reason to become a teacher

- Teachers are very independent, they can plan their teaching according to the curriculum.
- Teachers choose their teaching material (inside the school) and methods
- Same teacher at least two years (elementary school)

Comparing Finnish education

Finnish education in international comparison

**Instruction
time low**

**Differences
between schools
small**

**Girls outperform
boys**

**Moderate
costs**


**Socio-economic
effect moderate**

**Teachers feel highly
valued**

What do the high-performing school systems have in common?

- 1 They get the right people to become teachers.
- 2 They develop these people into effective instructors.
- 3 They put in place systems and targeted support to ensure that every child is able to benefit from excellent instruction.

Promoting children's health



Health and educational goals through schools 25.11.2011 part 2 - Microsoft

Children's health

- Finland has a comprehensive neuvolarjestö joka hoitaa terveysneuvonnan ja rokotukset vuosi lapsi käy neuvolassa x kertaa...
- Koulussa vuosittain, ja neljännellä, ...luokalla laajat tarkistukset
- Schools are encouraged to structure their days as to include as much exercise as possible
 - For example elementary schools curriculum has been built to
 - have 45 min. lessons and 15 min. break time, when children spend outside
 - have two hours PE a week
 - offer the opportunity to participate in extracurricular club

Click to add notes

Slide 2 of 54 "Office Theme"



Kyttäjä P • Ovaskainen M • Kronberg-Kipillä C
Erkkola M • Tapanainen H • Tuokkola J • Veijola R
Simell O • Knip M • Virtanen SM

Lapsen ruokavalio ennen kouluikää

The Diet of Finnish Preschoolers

Kansanterveyslaitoksen julkaisuja 32/2008



School meals in Finland
Investment in learning

FINNISH NATIONAL BOARD OF EDUCATION



D₃-vitamiini
D₃-vitamin
100 tabl.



Free maternity and child health clinics (since late 1940),

Oral health care (below 18 years of age),
and school health care

Schools structure days to include
exercise

Schools decisions: vending machines
and canteens

Healthy school lunches since 1948



Health education is much more..

- Healthy school lunches since 1948
- In primary schools, classroom teachers are eating with their students
-> monitoring their proper eating and showing example in eating behaviors -> messages to home if needed





Health education is much more..

School health services (school health nurse, school doctor) to every age cohort

- Not only yearly health checks of a student, but also participating in health promotion of whole school
- Parents are included in their child's health check at lower grades
- 8th grade special measures

Every pupil and student has the right to educational support

Potential of each pupil should be maximised

- Educational guidance is seen as essential.
- Guiding and counselling is seen as the work of all education personnel.
- Educational support can be remedial instruction or support for the pupil's special needs.

Finnish Excellence in Education - Education Finland



Finland has compelling credentials in providing pedagogical expertise, innovative technologies and programs for learning, as well as physical products to improve the environment and conditions for learning.

More info:

<https://finland.fi/>

<http://www.cimo.fi>

<https://www.educationfinland.fi/>

HEALTH, VITALITY AND HAPPINESS



KUOPIO

WELCOME TO THE CAPITAL OF GOOD LIFE!

www.kuopio.fi



kuopionkaupunki
kuopionkaupunki
kuopionkaupunki

KUOPIO

