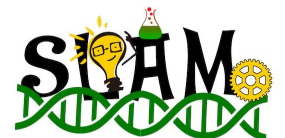


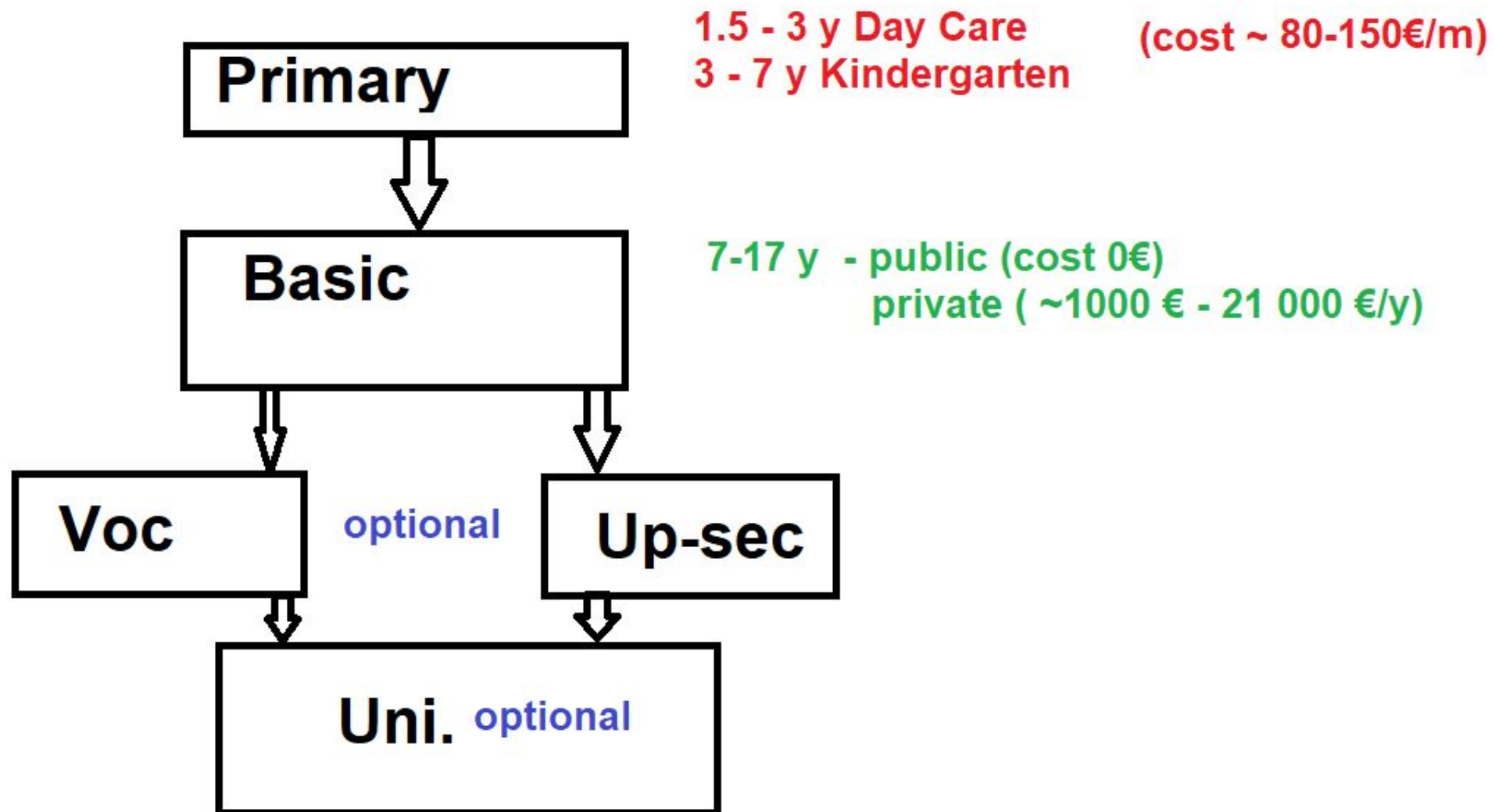
Estonian Educational System and Tartu Raatuse School

Lauri Kõlamets

06.11.2019

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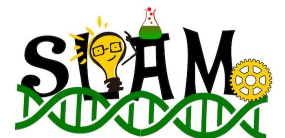
Primary education

Estonia 2017/2018 - 628 pre-schools.

4-7 years old participated 93,9% (2017).

- 1,5 -3 years can have in one class 14 pupils; 3-7 years old 20; mixed 18.
- They follow National curriculum
- municipality has the right to ask an attendance fee <20% of the national minimum wage (540 € -2019)
- priority is given to children who live permanently in the same municipality
- When you got your child ID no -> register 😊 Big waiting list

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No of students

In total 2018/2019 schools had ~**150 000 students**.

(1998/1999: 223 660) -73660 students

population: 1 370 100 (2000) . population: 1 324 820 (2019) -45 280

- year 1.-6.: ~ 89 000
- year 7.-9.: ~ 39 000
- year 10.-12.(gymnasium): ~22 000

Extra

- vocational school ~ **24 000** students (before gym; after gym. ; adults)

Academic year

An academic year lasts from September 1 to August 31.

An academic year contains **175** school **days** in total. (Senior class 185)

- There are **five** school **holidays**:
 - I: 21.10.2019 – 27.10 2019;
 - II: 23.12.2019 - 5.01 2020;
 - III: 24.02.2020 – 01.03. 2020
 - IV: 20.04.2020 – 26.04. 2020; not for grade 12
 - V: 10.06.2020 – 31.08. 2020; not for grade 12

Basic School [1st (7 y)- 9th (16-17y) grade]

- The upper limit per class is **24 students** and in upper secondary 36.
- Where the total number of students of two or three classes in a basic school is 16 or less, a composite class may be made of these students.

Finishing school

9th graders - **3 state exam** (mother language; mathematics; choose 1 (Geo; Bio; Phy; Chem; His; Soc Sci; A-language; B-language) .

- And for Russian schools Estonian as second language.
- State exam in Jun 2020 , upper secondary 17. Apr 2020 in Tartu

12th graders: 3 state exam (math A or B level, mother language; A-language)

The calculated length of a lesson is 45 minutes, upper secondary 75 min (not by law)

Academic workload and daily schedule

- In lessons, the maximum weekly workload of a basic school student is as follows:
 - grade 1 – 20;
 - grade 2 – 23;
 - grades 3 and 4 – 25;
 - grade 5 – 28;
 - grades 6 and 7 – 30;
 - grades 8 and 9 – 32.
- The minimum permitted academic workload in an upper secondary school (high school or vocational school: grade 10-12/13) is 96 courses
- $8575 \text{ (basic school)} + 3360 \text{ (upper secondary)} = 11935 \text{ lessons in total (12 years)}$
- Average lesson no per day 5,683.

No of schools and owners

- **2018/2019 Estonia had 533 schools:**
- 57 out of total had year 1.–6.
- 302 year 1.–9.
- 135 on tube school (y 1.-12.)
- 24 upper secondary (y 10.–12.)
- 18 state gymnasium
- 15 grown-ups gymnasium.
- **Owners: Municipality: 90%; Private: 6%; State: 4%**

Private school: ~1000 € - 21 000 €

Extra curriculum schools in Estonia **410 (2010/11)** and **651 (2017/18)**

- FuFa: 2017/18 largest school had 1408 students Keila School; Misso School 8 students

Vocational schools

Every county(15) has at least 1 .

~ 24 000 students (before gym; after gym. ; adults)

Estonia has 32 vocational schools

Owners:

- * **26 state;**
- * 4 private;
- * 2 municipality

Higher education

- 20 university/college
 - 6 public university
 - 1 private university
 - 8 state college
 - 5 state college
- Total 46 000 students

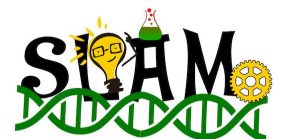
FuFa: Tartu Universty (*since 1632*) world ranking is **321** (2019)

Tartu has 31 schools

- 21 give basic education: * 15 municipality * 5 private * 1 state
- 6 tube schools: * 4 municipality * 1 private * 1 state
- 4 upper secondary education: * 3 municipality * 1 state

How you run a school in Estonia

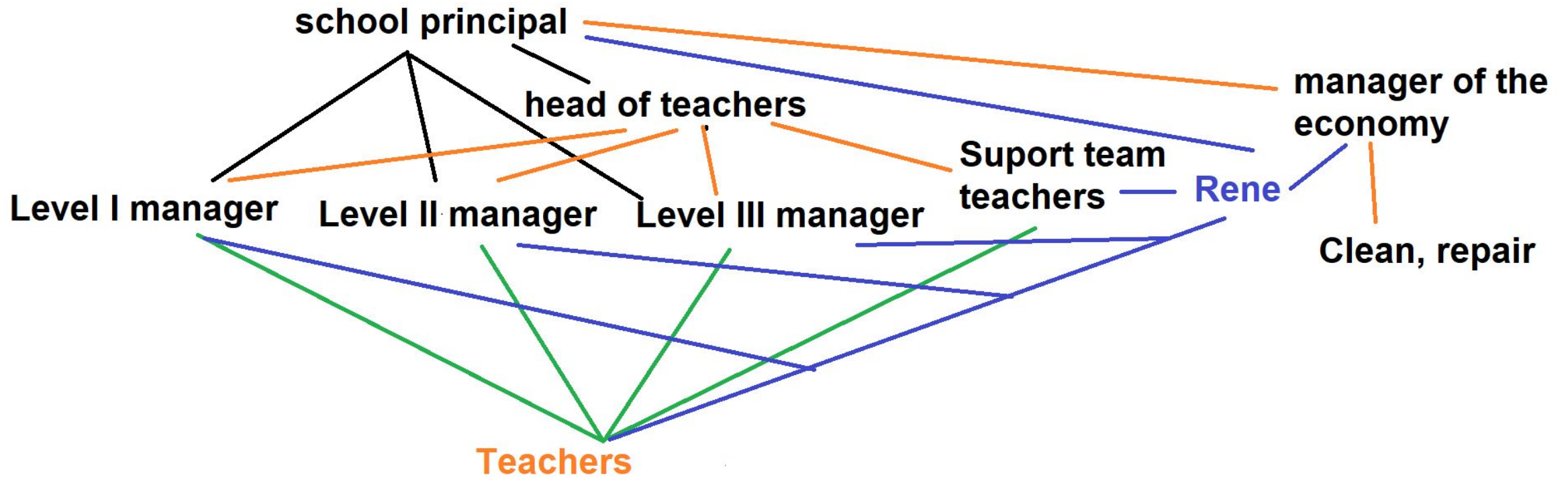
- Municipality hires head of the school
- Head will pick you
- like a business (head of the school can hire and fire everyone)
- You have the chance to own best „football team“
- Work yourself up
- Find your own personal angle of the school



Budget

- State money for education (2019) - 653 781 000 € (**5.97%**).
- City budget 14 843 270 € (2019) - 7.73%
- FuFa: Raatuse School reconstruction 2017/2018 costs: 7 900 000€ and money from ERF 4 644 990€.

School managment in Tartu Raatuse School



Tartu Raatuse School in numbers

- In Estonia, teachers are, on average, 49 years old. Tartu Raatuse School has 44,3 (Jun 2019).
- In Estonia, 1% of teachers work in schools where at least 10% of the students have a migrant background (OECD average 17%).
- Tartu Raatuse School has 50 teachers (26% male)
- ~543 students
- https://raatuse.tartu.ee/images/failid_kodulehele/raatuse_ringid_2019-2020.pdf

What Raatuse School are doing?

- Self-directed learner
- Flipped classroom
- Group work (boys and girls, mixed teams, random team generator)
- Cooperative learning
- Formative assessment (Grade 1-6, and 7-9 (gym, art, music, literature, social science))
- E-learning day
- Topic Based Learning week
- Teachers day
- Big Brother Project
- Research study – (8th grade),
- International projects
- 9th grade courses
- Design based learning (5E) – Chemistry , Physics
- Science school (Tartu University)
- Student personalizing
- General lesson /Topic based learning (1th – 4th grade)
- One active moving hour per day (1th - 6th grade)
- Drama lesson once in week (1th – 8th grade)
- On Tuesday 14:00-15:30 teachers cooperation
- Thursday 15:00-16:00 „learning circles“ for teachers

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