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Erasmus+ Programme  
of the European Union

- KA202 - Strategic Partnerships for vocational education and training
- 2017-1-NO01-KA202-034179 - Erasmus+ 2017
- Improvement of the career choice process in technical and scientifically based VET
- [COCO+](#)



**ODDA VIDAREGÅANDE SKULE**  
HORDALAND FYLKESKOMMUNE



# The educational system in Norway

## The Structure of Upper Secondary Education and Training:

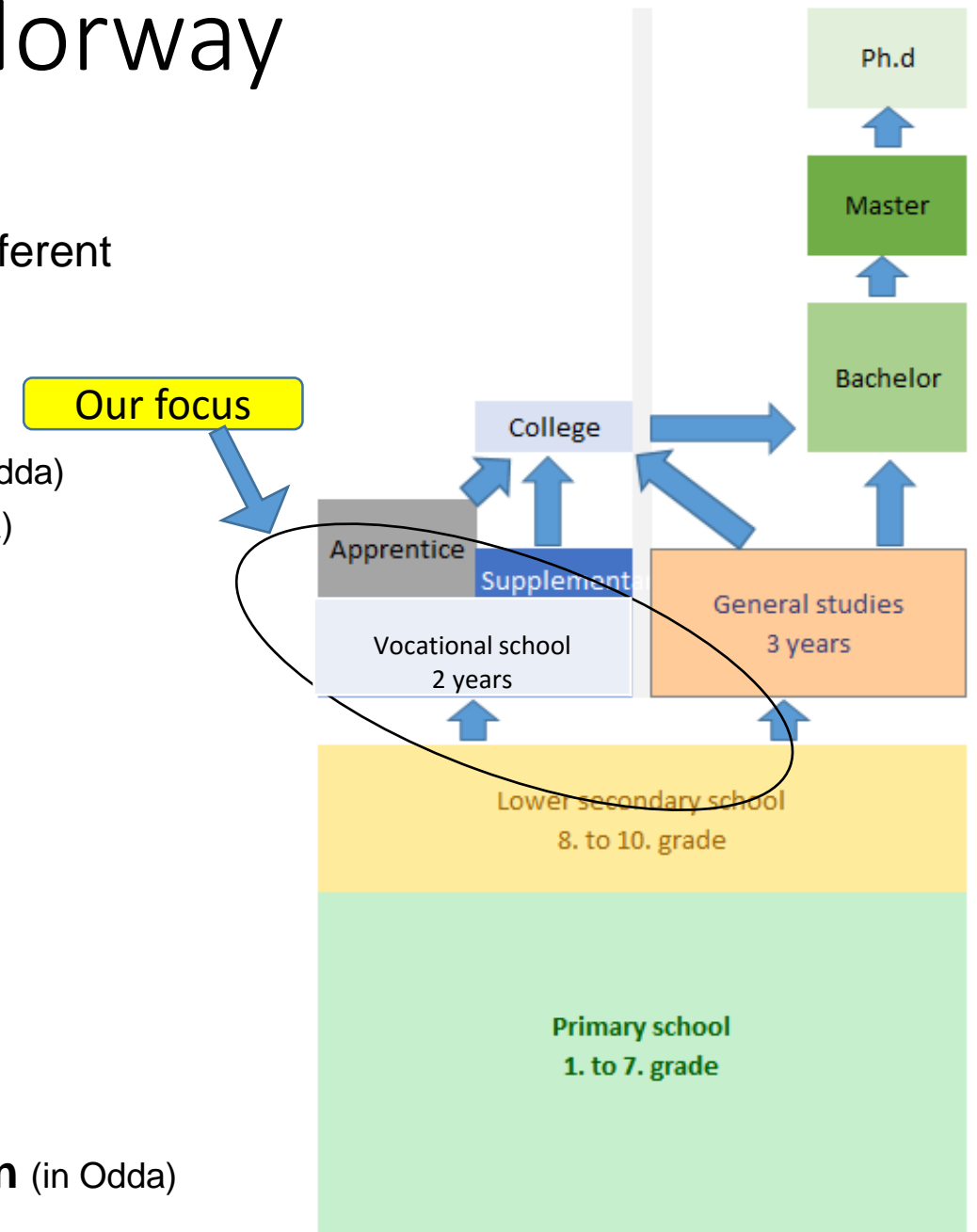
Upper secondary education and training is organised in 12 different education programmes.

### Programmes for General Studies:

- Programme for Specialisation in General Studies (in Odda)
- Programme for Sports and Physical Education (in Odda)
- Programme for Music, Dance and Drama

### Vocational Education Programmes:

- Programme for Building and Construction (in Odda)
- Programme for Design, Arts and Crafts
- Programme for Electricity and Electronics (in Odda)
- Programme for Health and Social Care (in Odda)
- Programme for Media and Communication
- Programme for Agriculture, Fishing and Forestry
- Programme for Restaurant and Food Processing
- Programme for Service and Transport
- **Programme for Technical and Industrial Production** (in Odda)





What do I want to do?

Occupational Choices

1st year VET



10th grade

What options do I have?

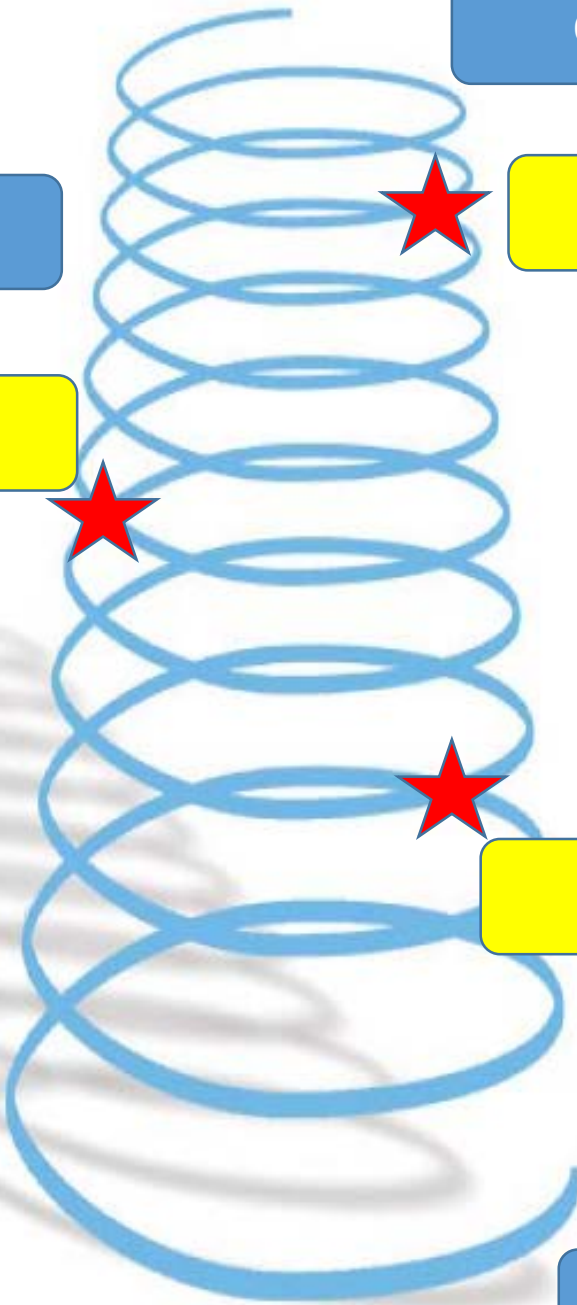


9th grade

Who am I?

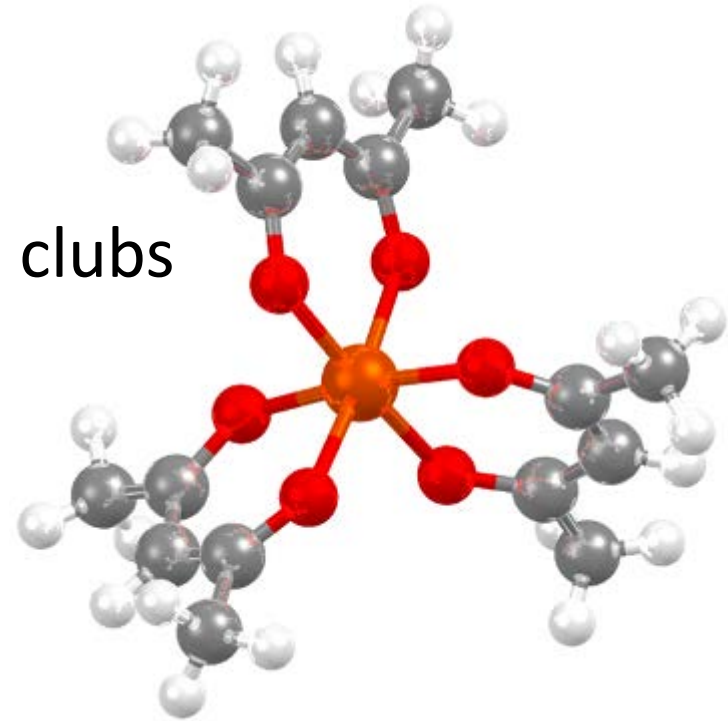


Primary school



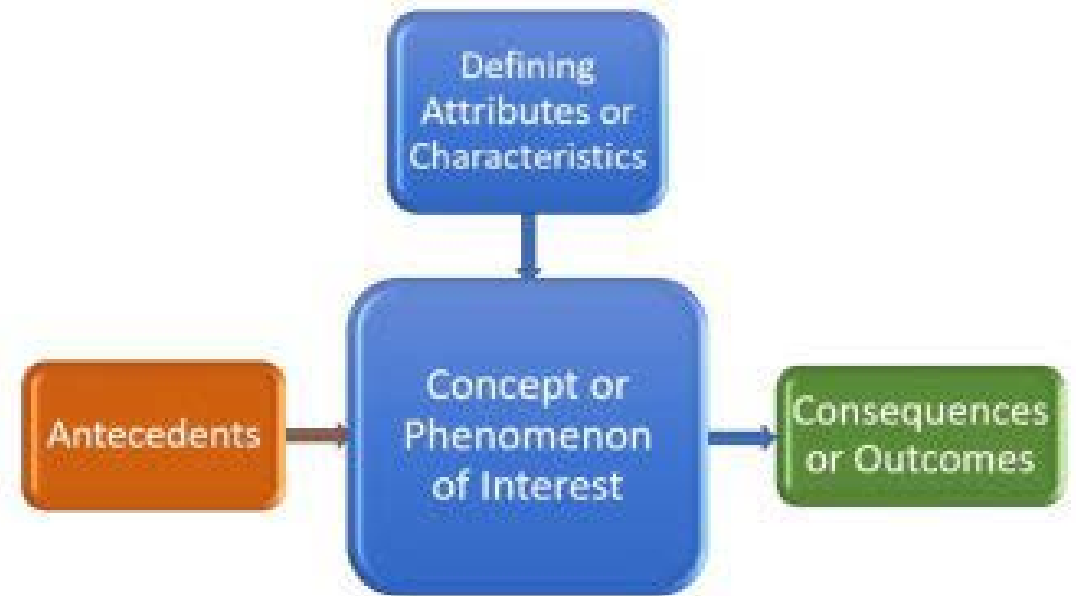
# Current partners

- Primary schools
  - Pupils / teachers – (agreement with principal)
  - Counsellor
- Local businesses, organizations, teams and clubs
  - Secondments / deployed students
- Parents
  - Come to “Open day” in the afternoon
- Chamber of Commerce
- Mentors
  - Students in own school



# Concepts that must be clarified

- Youth schools (9<sup>th</sup> and 10<sup>th</sup> grade)
  - Time and dates
  - Contents (Learning Objectives from Curriculum in science subject)
  - Places
- Scope
  - Time (2-3 hours)
  - Pupils (30 + 10 students)
  - Educators (teachers and mentors)
- Awards
  - Local business supports the awards



# Tasks to do

9th grade

- **Open day** at Odda upper secondary school. (March/April)
  - Create a presentation of chemistry and process educational programs in Odda upper secondary school.
  - Use the new simulation instruments to let the pupils feel how processes are going in real life.
- **Tasks:**
  - Crossword connected to terms and objectives from Open day.
  - Send an e-mail with questions to persons like counsellor, teacher and / or student at a Odda upper secondary school
  - Ideas from O2 in Pardubice

# Tasks to do

10th grade

- Present a chemistry and process profession – (2<sup>nd</sup> year VET arrange)
- Present a business for chemistry and process
- Attend at **career and educational event**
  - Read tables and graphical representations about education paths, occupations and work opportunities
  - Discuss work opportunities within any chosen education programs and professions (chemistry and process education)
  - Make a written or oral presentation that shows examples of work opportunities the various education programs in high school can lead to
  - Ideas from O2 in Pardubice
- **Open day** in the afternoon - Receive visits from parents / other adults telling about their occupations and work opportunities

# Tasks to do

1st year VET

- Job Shadow / secondments = Practice in the workplace
- Practice course in upper secondary school education programs
- Activities in own school:
  - Practical tasks from chemistry and process educational program
  - Interdisciplinary projects where students try out parts of chemistry and process education programs
  - Ideas from O2 in Pardubice
- 2<sup>nd</sup> year VET arrange **Open day (afternoon)** at school (Odda upper secondary school)



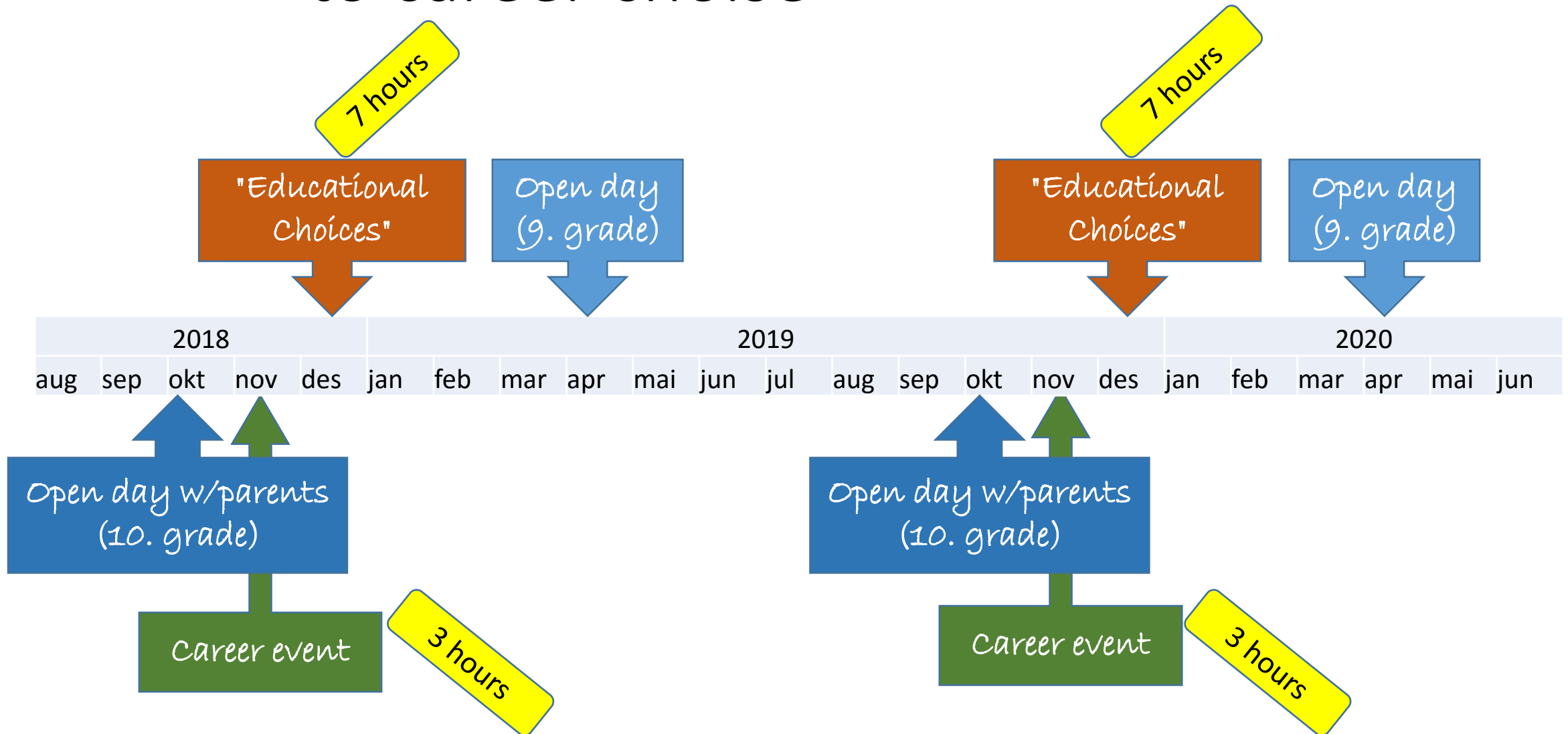


# Aims for the activities

- Aims for tasks 1 (9th grade)
  - Sensitize the various professional opportunities in the chemicals process
- Aims for tasks 2 (10th grade)
  - Apply 1. year of engineering and mechanical subjects (Vg1 TIP)
- Aims for tasks 3 (1st year VET)
  - Apply 2nd year (VG2) chemistry and process subjects - conscious choice
  - Integrate Chemistry and Process



# Timeline for activities connected to career choice



# Up's and down's

