



# VAKSESSIE ICT/INFORMATICA CLIL

STUDIEDAG CLIL – Donderdag 11 maart 2021

# INTRODUCTIE

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**Naam:** Hannes Pype

**School:** Spes Nostra Kuurne

**Vakken:** Engels – Duits – Basisoptie Moderne Talen – Informatica CLIL

**CLIL sinds:** schooljaar 2016-2017

**Varia:** muziek, auteur voor Pelckmans (Ace)

# VERLOOP VAN DEZE SESSIE

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## INFORMATICA CLIL VOOR MIJ

Informatica CLIL in  
Spes Nostra Kuurne  
(3<sup>de</sup> jaar ASO)



## ICT/INFORMATICA CLIL VOOR JULLIE

Hoe pakken jullie het aan?  
+ Uitwisseling ervaringen



## TOEKOMSTPLANNEN

Wat met de vernieuwde  
(gemeenschappelijke)  
leerplannen? Hoe pakt  
jullie school het aan?

# ICT CLIL 3DE JAAR

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EXCEL



WORD



MEDIA & PRESENTATIES





# ICT & CLIL - EXCEL

HANNES PYPE - SPES NOSTRA KUURNE - SCHOOL YEAR 2020-2021



CULTURAL AWARENESS

02 ALL IS RELATIVE

For many people who want to travel to the UK, or buy products on British websites, knowing how much the pound is worth in euros.

These are the different coins and notes in the UK:



- 1 What are the different pound coins you can have? (use Google to find this information)
- 2 What are the different pound notes you can have?
- 3 From September 2016, there is a new £5 note. Something is really special about that note. What is it?

**S** Watch a clip from British TV Channel ITV about this special new "fiver". In the meantime, there is also a new £10 and £20 note made the same way. In 2021, the new £50 note will follow. Answer the questions on the next page.

You can find the video under *weblinks > Excel > Chapter 4*.

The title of the video is 8 - *The new five pound note (ITV)*.



- 1 What is the new fiver made of?
- 2 In the clip, a lot of things were tried to destroy the bill. None of them work. Name three examples.
- 3 How much is £1 in euros? Use Google to look this up.  
£1 = € \_\_\_\_\_

**X** EXERCISE 2.1: POUNDS

Filename: blank workbook Save as: solPounds.xlsx

- Open a new, blank workbook.
- Save it under the correct name.
- Type the title "POUND CONVERSION" in cell A1.
- In cell A2, type "£1 ="
- Type the exchange rate from question 3 of the exercise on the new £5 note in cell B2.
- Type "POUNDS" in cell D1 and "EUROS" in cell E1
- In cells E1 to I1, type these values:

- 5
- 10
- 20
- 50
- 100

- Make a formula in cell E2 that calculates how much £5 is in euros at the current exchange rate. Do NOT use values, only cell references (in this case: cells E1 and C2).
- We want to do the same for 10, 20, 50 and 100 pounds. Use the fill handle on cell E2 and drag it down to cell I1.
- Are the values for 10, 20, 50 and 100 pounds correct?
  - yes  no
- If not, check the formulas in cells F1 to I1. What went wrong?



INQUIRY-BASED LEARNING

28 NINJAS DO IT BETTER

- Change the formula in cell E2 so that instead of referring to C2, it says \$C\$2.
- Use the fill handle again and drag from E2 to I2.
- Are the values now correct? Check the formulas in F2 to I2 to be sure.

yes  no

The technique you have just used is called absolute cell reference.

**S** To sum things up, watch a short video which explains absolute and relative cell reference. Go to *Weblinks > Excel > Chapter 4* and watch the video called 9 - absolute and relative cell reference.

 THEORY CLIPS BY NATIVE SPEAKERS

**RELATIVE CELL REFERENCE** (E.g. A5) is when you want your cell reference to change when you use the fill handle. Both the letter and the number in your cell reference will change.

**ABSOLUTE CELL REFERENCE** (E.g. \$A\$5) is when you don't want your cell reference to change when you use the fill handle. Neither the letter nor the number in your cell reference will change.

**MIXED CELL REFERENCE** (E.g. \$A5 or A\$5) is when you want your cell reference to partially change when you use the fill handle. Either the letter or the number in your cell reference will

 EXERCISE 2.2: DRIVING ECONOMICALLY



In the exercise that follows, we are going to calculate the cost per kilometre for different kinds of cars.

Use Google to find the current price per litre for diesel petrol in the United Kingdom (in pounds).

Diesel price = £ \_\_\_\_\_ per liter.

Filename: exPetrol.xlsx Save as: solPetrol.xlsx

Given: A list of car types, their tank contents and their driving range (in km) on a full tank.

## GOLDEN RULES IN MY CLIL CLASSROOM:

- Altijd Engels spreken, ook tegen je klasgenoten (fouten maken is niet erg, spreekdurf is wat telt)
- Indien moeite om te volgen: op voorhand woordenlijsten bekijken
- Alle oefeningen uploaden: ik pik er een aantal uit en zet die op punten + 2 toetsmomenten per trimester
- CLIL-rapport (i.p.v. attituderapport):
  - Spreekdurf
  - Schrijfdurf
  - Algemene CLIL-attitude (motivatie e.d.)

*TIP: opvolging hiervan m.b.v. ClassDojo*





Feedback geven aan [naam]

Punten verzilveren X

Positief

Aandachtspunt(en)



Cooperation



Motivated to learn

Bericht toevoegen

Feedback geven aan [naam]

Punten verzilveren X

Positief

Aandachtspunt(en)



Did not bring syllabus



Doing other things



Talks Dutch



Vaardigheden bewerken

Bericht toevoegen

Message parent



**HOW ABOUT YOU?**

