SI19 DG1.8

WHY…..

The idea of the content in this discussion group was:

Situation in the countries: Sweden, Finland, France, Belgium, Netherlands (15 min)

Sharing WOW examples that show the benefits of Nspire (40 min)

Presenting the best WOWs plenary with discussion (35 min)

The WOW examples are collected in a ZIP file.

BREAK

HOW….

Introduction on the transition (5 min)

In language groups (40 min):

What has been done? What did work? What did not work?

Are there differences in HH users and SW users? Now and the near future.

How can we bring with more effort this message to 84-users (and Casio,…)

Plenary results from the groups and discussion:

The global message is: “The Nspire is not another graphic calculator but a didactical tool”

Reports in the HOW part:

Nordics:

-In Sweden TI gives away TI Nspire CA Student Software for free if the school buys  TI82Stats or TI84 Plus

-The mandator curriculm that involves coding inside Math  starts teachers to be more interesting in workshops.

-More teaches will be more dedicated to use the software when we will have digital exam 2022. Perhaps we can increase the amount of workshops the following years

Benelux

In the Netherlands less and less people come to workshops and/or seminars because of fact that the government is searching for alternatives (read: more dynamic tools) for the graphical calculator (GC). And that is interpreted by a lot of math teachers as the GC is going out. That feeling is reinforced by a large group of conservative teachers who are opposed technology anyway, in particular CAS.

We can try to break this sentiment by sending TI-consultants to schools showing the opportunities of the new TINspire CAS and not by inviting only math teachers but the whole science group supplemented with f.i. economics teachers.

Go to educational publishers and try to accomplish the same agreement as TIEurope made with the German publisher Cornelsen’s Verlag in the mBooks project (interactive TNS-files in the digital books as additional material). So teachers can see how students work with this kind of material in an accessible way without making major investments first.

This leads directly to the next point: try to collect success stories from students and send them to the teachers instead of first approaching the teachers; the so called WOW experiences and make these WOW examples available on a portal.

Our last advise is try to reach future math/science teachers at their education. If they do an internship in a class they can show the sitting teachers how TINspire can be used in the classroom.

Portugal:

What has been done?

•    Online training sessions for authoring and classroom implementation

•    Face to face training sessions for authoring and classroom

implementation

•    Using SW in the school

•    Similar cost between TI84 & TI NSPIRE CX

•    Mandatory on one part of the exams

•    Share activities to build concepts

What did work or did not?

Success:

•    Online training sessions

•    Share activities

•    STEM labs

Difficulties:

•    less face to face training sessions

•    Erroneous interpretation of curriculum orientations by the teacher that created some barriers and problems

•    Install SW software in school

Future needs:

•    More training sessions

•    Sw in school

•    Offer activities to build transdisciplinary projects in Portugal