TPACK chart for teacher skills

***TPACK chart for a mathematics teacher’s knowledge and skills***

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In this documnet, the TPACK model is used to investigate your own knowledge, skills, and experiences on using technology in mathematics teaching. The original picture looks like this ([www.tpack.org](http://www.tpack.org)):



The diagram on the next page is similar and contains the following acronyms:

*T*: technological knowledge and skills

*PA*: pedagogical knowledge and skills, in this case referring to the pedagogy of mathematics

 *CK*: content knowledge, in this case mathematical skills and knowledge

The intersections concern combinations of skills:

*TPA*: knowledge and skills concerning the pedagogical use of technology in mathematics teaching

*TCK*: knowledge and skills concerning the combination of mathematics and the use of technology

*PACK*: knowledge and skills concerning the combination of mathematics and didactics of mathematics

*TPACK*: knowledge and skills concerning the combination of mathematical, pedagogical and technical considerations

Please fill each part of the diagram with + signs and with – signs in the following way:

* If you feel you master the indicated skills perfectly, you fill the area completely with ++++.
* If you feel you don´t master the indicated skills at all, you fill the area completely with ----.
* If you feel you partially master the indicated skills perfectly, you fill the area with both ++++ and ---- in a way that reflects the ratio between mastery and challenge. Eventually, add examples to the table on the next page.

In the table below, please try to provide examples for each of the parts of the diagram on the previous page, which illustrate your mastery of the indicates knowledge or skills (++++), or your lack of it and your wish to develop (----).

|  |  |  |
| --- | --- | --- |
|  | **++++** | **----** |
| **T** |  |  |
| **PA** |  |  |
| **CK** |  |  |
| **TPA** |  |  |
| **TCK** |  |  |
| **PACK** |  |  |
| **TPACK** |  |  |