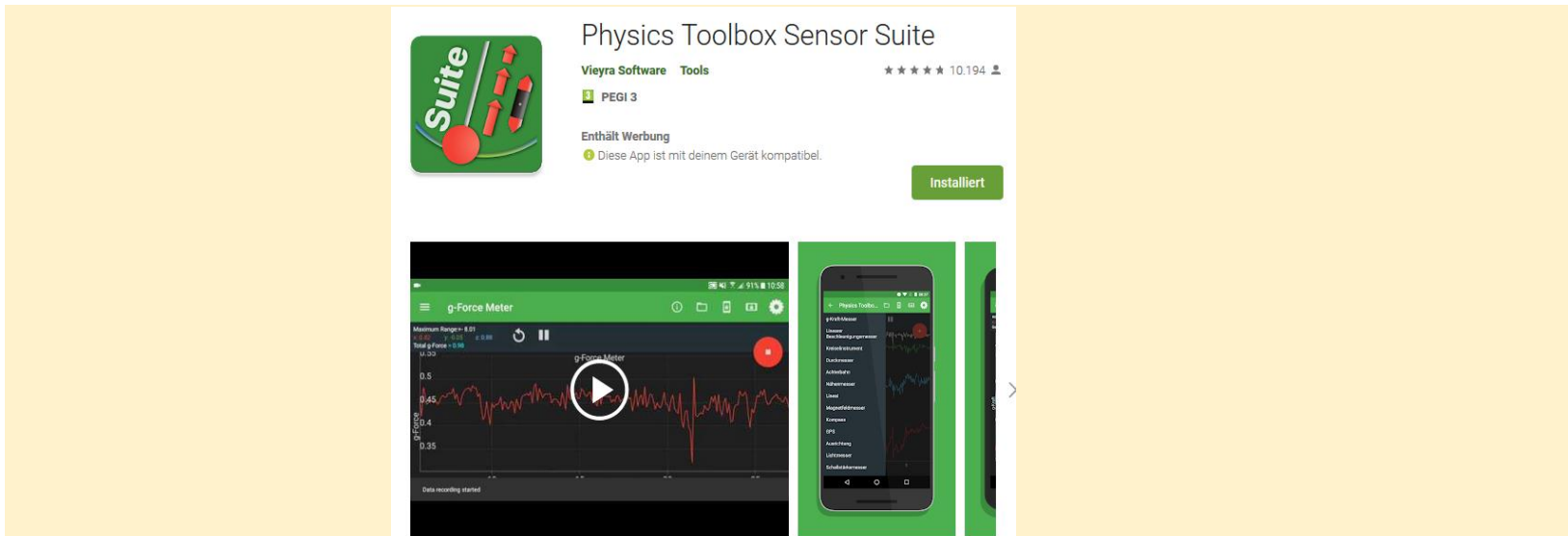


## PHYSICS APP evaluation:

1. Source (link to website or Appstore download):

<https://play.google.com/store/apps/details?id=com.chrystianvieyra.physicstoolboxsuite&gl=AT>

2. Screenshot (eg):



3. Name and short description:

The app Physics Toolbox Sensor Suite is useful to measure different stats like the magnetic field, luminosity or pressure. There is implemented a GPS, a compass, a spectograph...

4. Evaluation criteria:

Points:

- |  |                 |
|--|-----------------|
| ✓ IOS and Android: (1/2)   | 2 ( 1 / 2 )     |
| ✓ Price or free: (0/1/2)   | 2 ( 0 / 1 / 2 ) |
| ✓ Measurement & sensors used: (0/1/2/3/4/5)<br>sensors used (altitude, air pressure, moisture, magnetic field, temperature, motion, gyroscope, luminosity, GPS)  | 5 (0/1/2/3/4/5) |
| ✓ Visual design and functionality: personal rating<br>How easy is the APP to use? (1/.../5)  | 4 (1/2/3/4/5)   |
| ✓ App in multiple languages:<br>Does the APP meet our criteria for intercultural usage – is it available in English and multiple languages? ( 1/2)               | 2 ( 1 / 2 )     |
| ✓ Relevance for lesson & topic: personal rating<br>How relevant is the APP to the target audience – lessons/lections/short usage in our classrooms?<br>(1/.../5) | 4 (1/2/3/4/5)   |

5. Summary average calculated (weighted):

5,6

(6 subcriteria with 100% = 6.0 as best possible rating)

Further sources for APP evaluation:

<https://www.edugroup.at/innovation/tablets-mobiles/apps/wissenswertes/detail/wie-kann-ich-eine-app-evaluieren.html>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5748471/>

<https://www.gcu.ac.uk/library/smile/evaluation/evaluatingapps/>