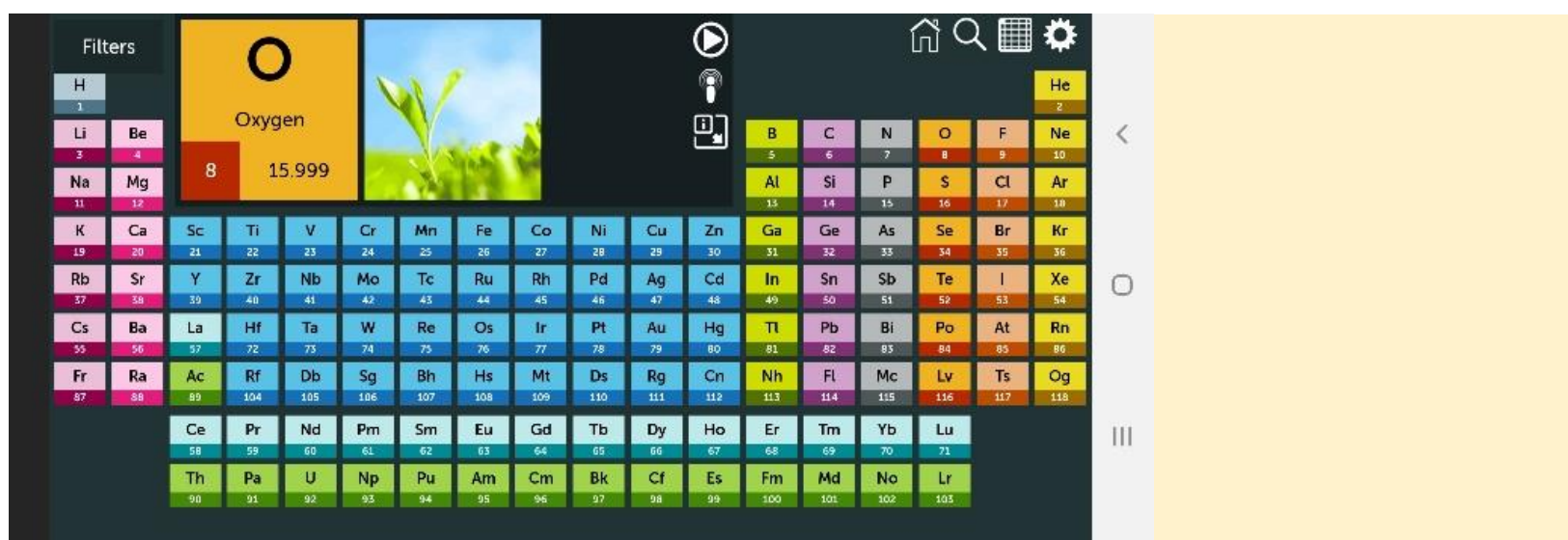


## CHEMISTRY APP evaluation:

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

[https://play.google.com/store/apps/details?id=org.rsc.periodictable&hl=en\\_GB](https://play.google.com/store/apps/details?id=org.rsc.periodictable&hl=en_GB)

2. Screenshot (eg):



3. Name and short description:

Royal Periodic Table, periodic table for smartphone.

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)

0 (0/1/2/3/4/5)

sensors used (altitude, air pressure, moisture, magnetic field, temperature, motion, gyroscope, luminosity, GPS)

✓ Visual design and functionality: personal rating

How easy is the APP to use? (1/.../5)

4 (1/2/3/4/5)

✓ App in multiple languages:

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

How relevant is the APP to the target audience – lessons/lections/short usage in our classrooms? (1/.../5)

5 (1/2/3/4/5)

5. Summary average calculated (weighted):

4,8

(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/>