

Documentation about usage and advantage of a chosen App in a prepared short lesson in classroom

Subject/Topic of the short lesson: Chemistry

Class & age of students: CH 7c, age 16-17

Place: BG + BRG Feldkirch, Rebbergasse 25-27, 6800 Feldkirch / AUSTRIA

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Chosen App: Periodic Table 2020 - Chemistry (see App evaluation data)

Question/issue/topic to demonstrate & show with the chosen App: Periodic table used to solve electron configurations and chemical reactions equations.

Usage of the App (documentation what was going on during the short lesson):

The app "Periodic Table 2020" was chosen because of the positive impression of the previous app evaluation. We thought the app would fit perfectly for the topics discussed in the chemistry lesson.

Advantage of the chosen App: It provides a lot of useful information on all known elements in the Periodic Table and can make the solving of chemical reactions equations and assembling of energy level scheme diagrams easier.

Pictures & hyperlink to short movie (1-3min) from the usage of the chosen App during the short lesson

<https://drive.google.com/file/d/14Qa9pazo29vrgj6jJo00PHLOF09oL-eC/view>



Project Number : 2018-I-DE03-KA229-047128-3



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← W

47 | ÜBERGANGSMETALLE

**Ag** Silber  
107.868(g/mol)

< 46 • PALLADIUM CADMIUM • 48 >

Übersicht

Lateinischer Name:  
Argentum

Englischer Name:  
Silver

Entdeckungsjahr:  
Tiefe Antike

CAS-Nummer:  
Hochwertige Freizeit- und Outdoorbekleidung für Sie & Ihn. Jetzt entdecken & bestellen!

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Silber  
107.868(g/mol)

Elektronen:

CAS-Nummer:  
CAS 7440-22-9

Elektronen:

Elektronenhülle:  
 $K^2 L^8 M^{18} N^{18} O^1 P^0 Q^0 R^0$

Elektronenkonfiguration:  
 $[Kr]4d^{10} 5s^1$   
 $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^1 4d^{10}$

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← **Ag** Silber  
107.868(g/mol) W

Ordnungszahl:  
47

Atommasse:  
107.868(g/mol)

Dichte:  
10.49(g/cm<sup>3</sup>)

Schmelzpunkt:  
961.8 °C = 1763.24 °F = 1234.95 K

Siedepunkt:  
2162.0 °C = 3923.6 °F = 2435.15 K

Aggregatzustand:  
Feststoff

Wertigkeit:  
I, II, III

Periode:  
5

Gruppe:  
IB

Anzeige geschlossen von Google

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