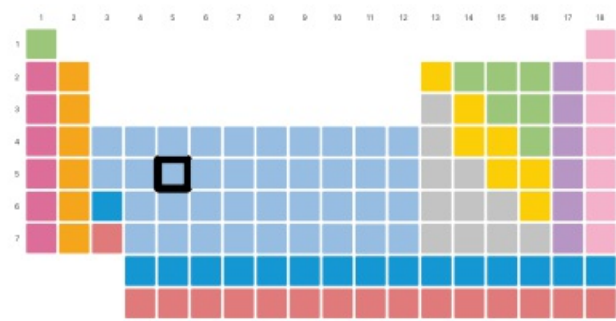


Niobium

Transition Metal



Symbol

Nb

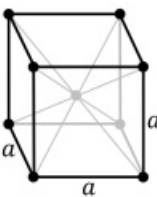
Atomic radius (pm)

198

Phase - Solid



Crystal Structure



Body Centered Cubic

Atomic number

41

Melting Point (K)

2750

History

The element Niobium was discovered by C. Hatchett in year 1801 in United Kingdom . Niobium was first isolated by W. Blomstrand in 1864 . Niobium derived its name from Niobe, daughter of king Tantalus from Greek mythology.

Appearance

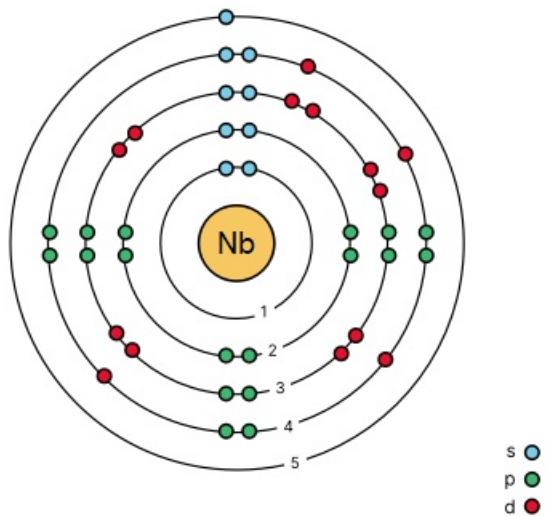
gray metallic, bluish when oxidized

Atomic weight (amu)

92.90

Boiling Point (K)

5017



[Kr] 4d4 5s1
[2, 8, 18, 12, 1]

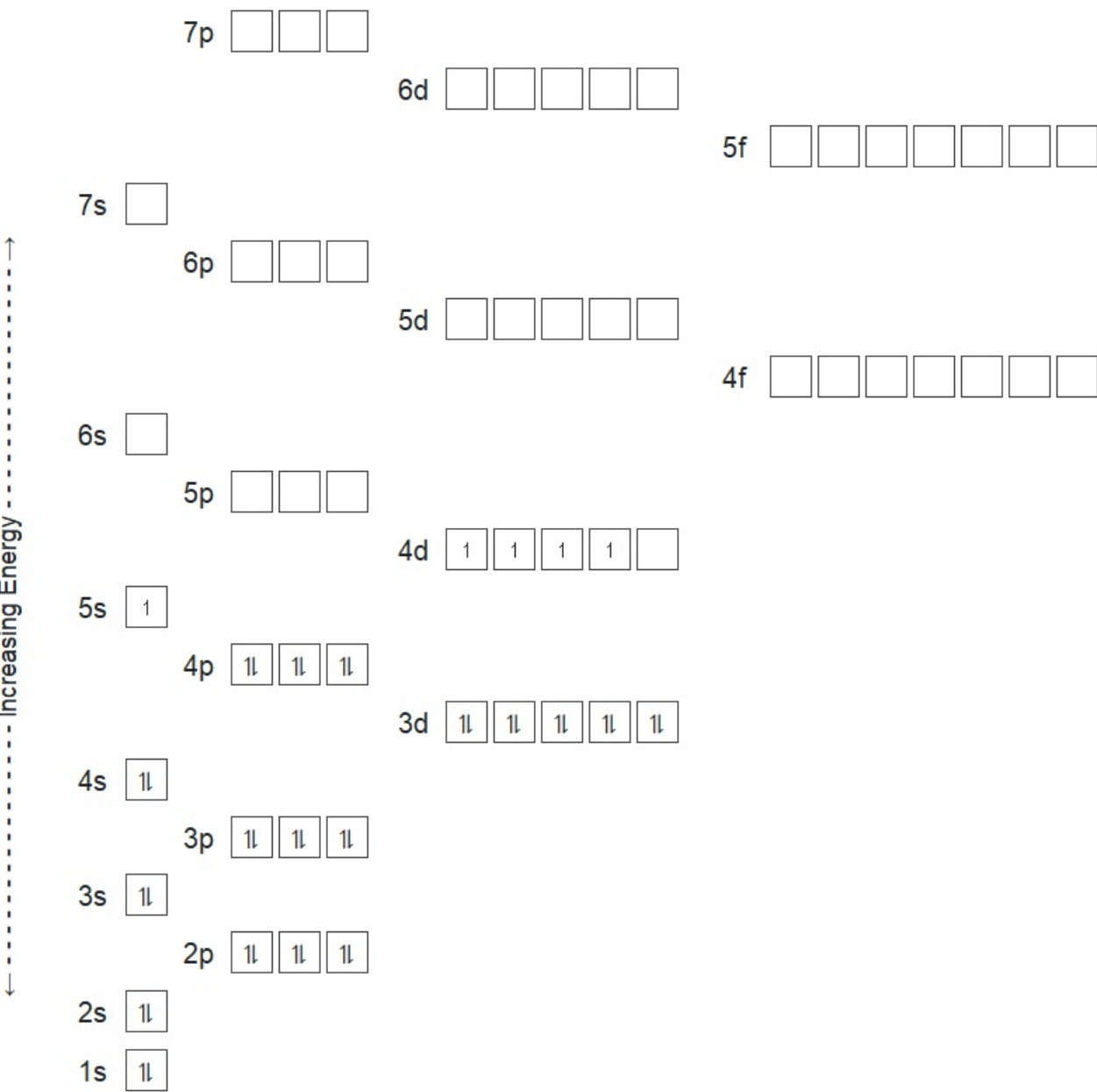
SCHOOLMYKIDS

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Niobium

Transition Metal

Electronic Configuration



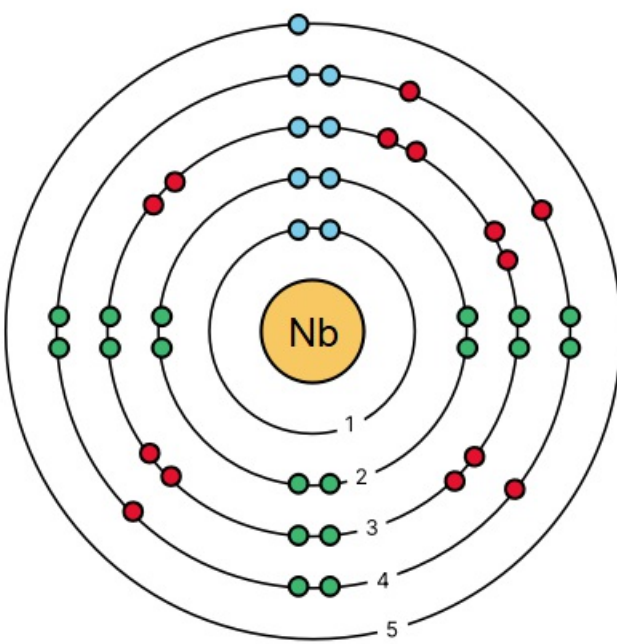
41 92.90638

Nb

Niobium

[Kr] 4d4 5s1

Solid
Body
Centered
Cubic



[Kr] 4d4 5s1
[2, 8, 18, 12, 1]

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