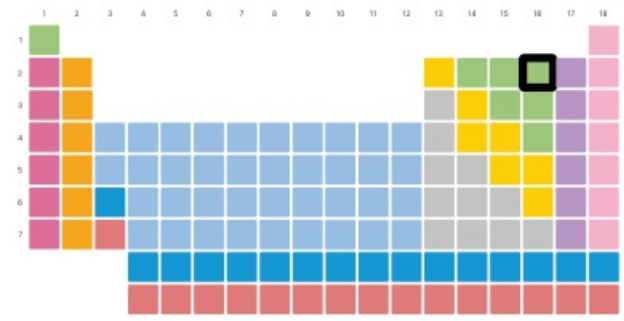


# Oxygen

## Other Nonmetal



Symbol

O

Atomic number

8

Atomic weight (amu)

15.99

Atomic radius (pm)

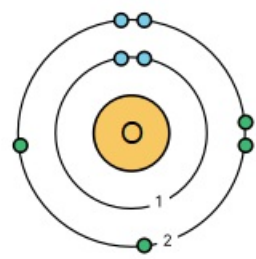
48

Melting Point (K)

54.8

Boiling Point (K)

90.2

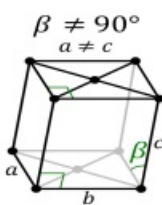


s  
p

Phase - Gas



Crystal Structure



Base Centered Monoclinic

### History

The element Oxygen was discovered by W. Scheele in year 1771 in Sweden and United Kingdom . Oxygen was first isolated by W. Scheele in 1771 . Oxygen derived its name from the Greek word oxy-, both 'sharp' and 'acid', and -gen, meaning 'acid-forming'.

[He] 2s<sup>2</sup> 2p<sup>4</sup>  
[2, 6]

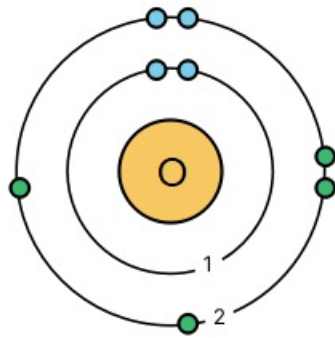
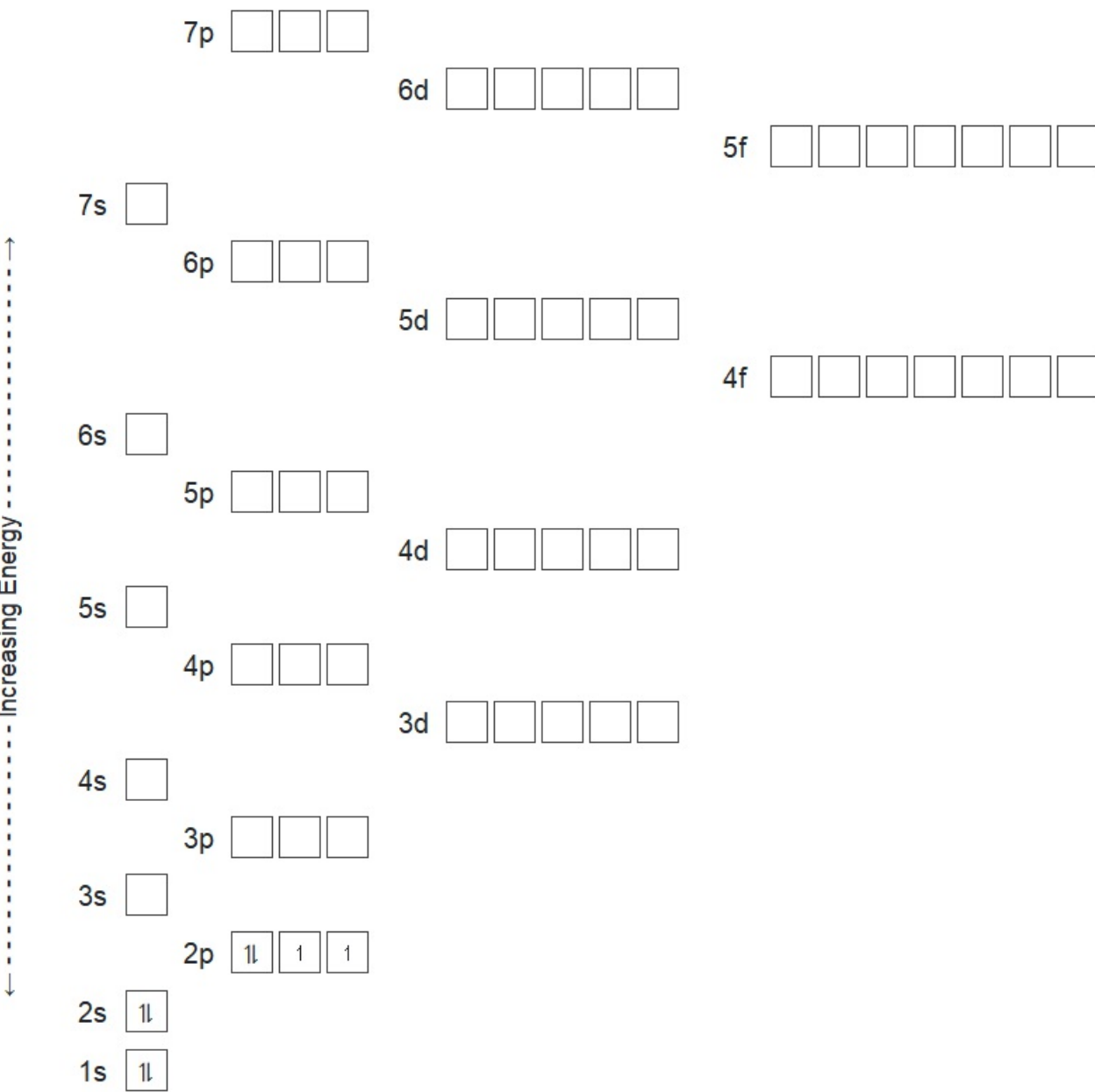
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# Oxygen

## Other Nonmetal

Electronic Configuration



s  
p

[He] 2s<sup>2</sup> 2p<sup>4</sup>  
[2, 6]

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