

## 10.2 Definition of Valence Electrons (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

### Video Topics

For a main group atoms, the s & p electrons past the noble gas core are called the valence electrons. Valence electrons are important in forming bonds and ions. How many valence electrons does C and S have? C =  $[\text{He}]2s^22p^2$  C has 4 valence electrons. S =  $[\text{Ne}]3s^23p^4$  S has 6 valence electrons.

### Link to Video

**Definition of Valence Electrons:** [https://youtu.be/\\_IdxOYwM2VM](https://youtu.be/_IdxOYwM2VM)



### Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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