










## Molecular Models and 3D Printing

TeachEngineering

### Project

Challenge to use computer-aided design (CAD) software to create "complete" 3D-printed molecule models that take into consideration bond angles and lone-pair positioning.

Suggested Learning					
Time	3 : 00	Cost	0.00		
PreRequisites					
Requirements					
Skills		Focus	Level	Standard	Points
 Applied Science				<a href="#">NGSS</a>	7
 Written Communication				<a href="#">CC</a>	7
 Teamwork					7
<b>Total Skill Points</b>					<b>21</b>
Knowledge Gain					
Draw Lewis dot diagrams for various examples of covalent molecules and polyatomic ions.					
Resource Link					
<a href="https://www.teachengineering.org/activities/view/fiu_models_activity1">https://www.teachengineering.org/activities/view/fiu_models_activity1</a>					

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