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MatAR

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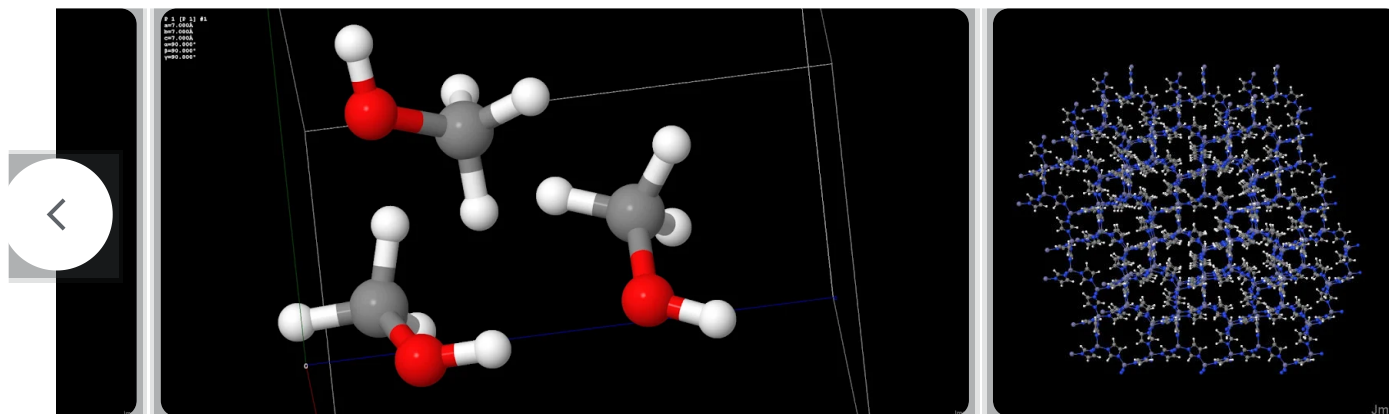
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About this app




MatAR is an educational AR app designed to enhance accessibility for colorblind learners and support sustainable and inclusive STEM education. With the potential to visualize 3D molecular structures and provide immersive solutions for education and research, MatAR is an important step towards promoting lifelong learning opportunities for all and achieving the UN's Sustainable Development Goals.




Updated on

May 21, 2023

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Initial Release

App support


 **Support email**
aimater40@gmail.com

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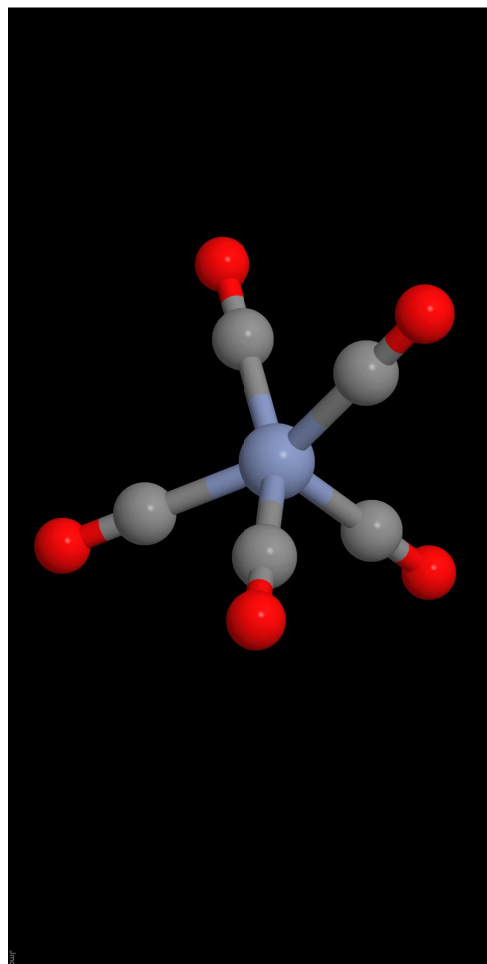
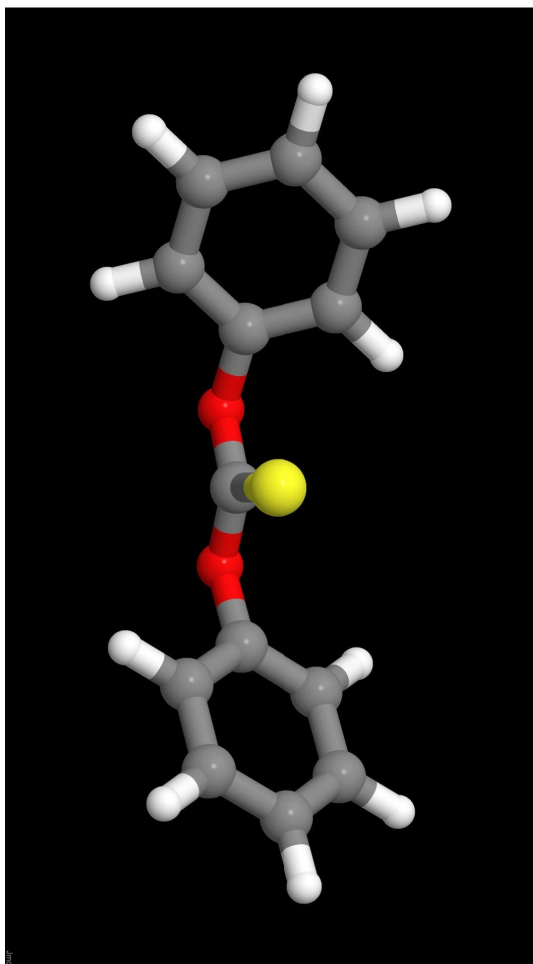
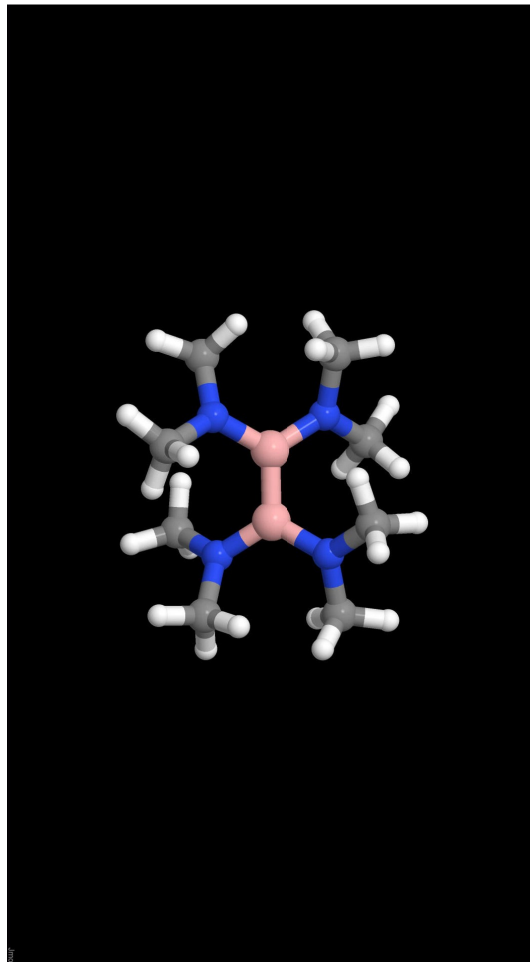
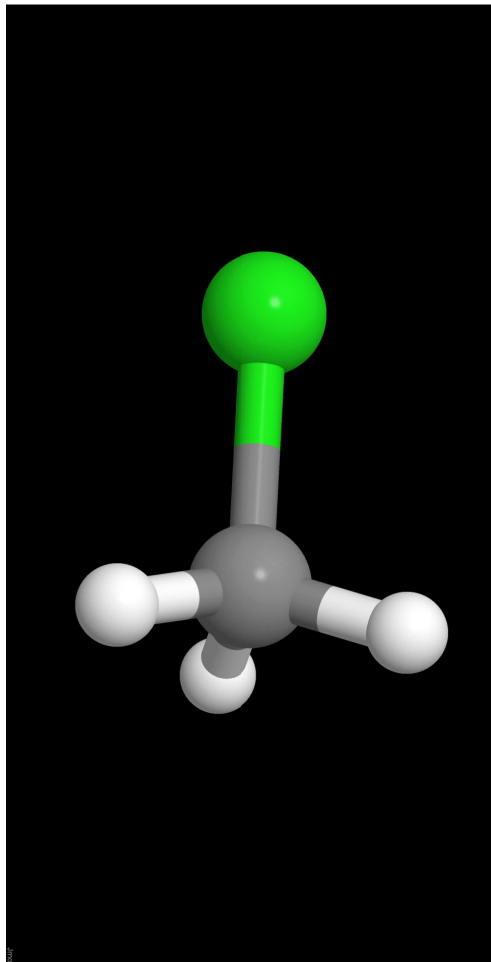
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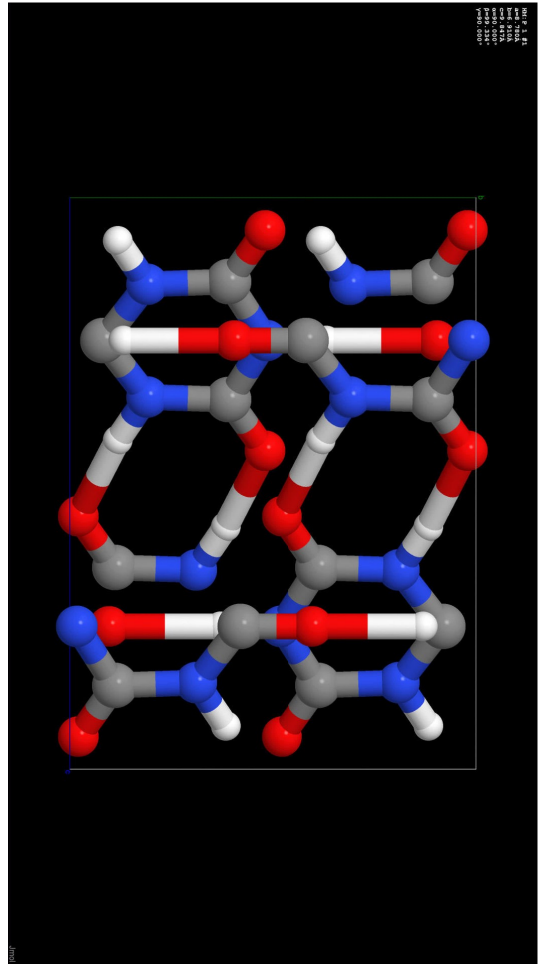
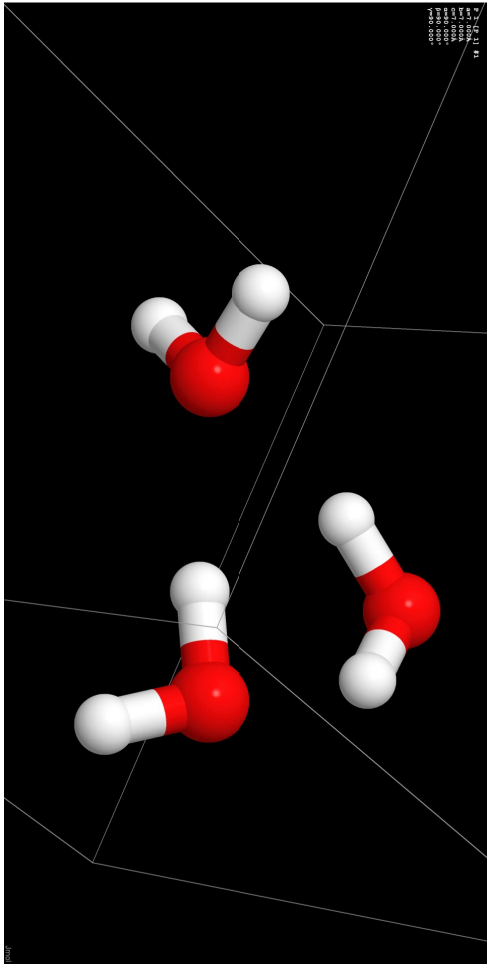
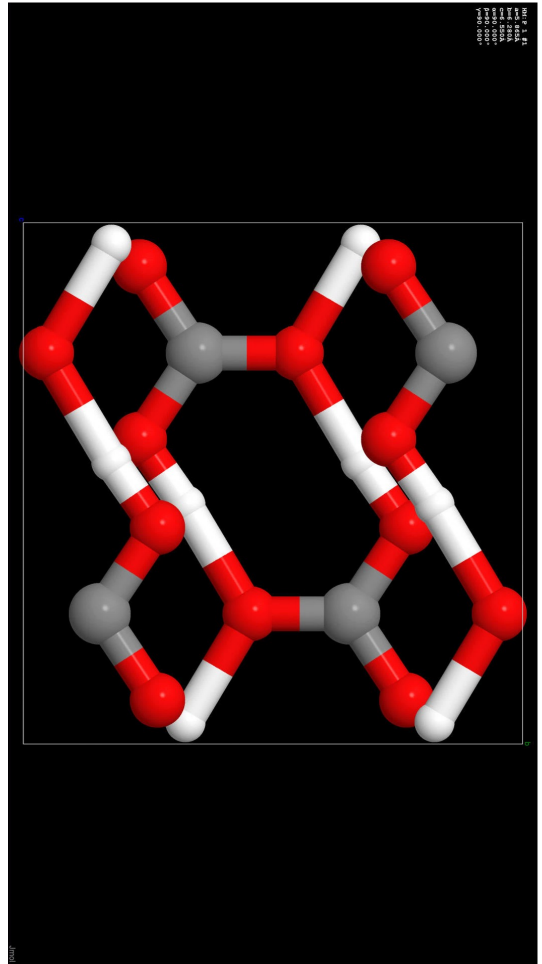
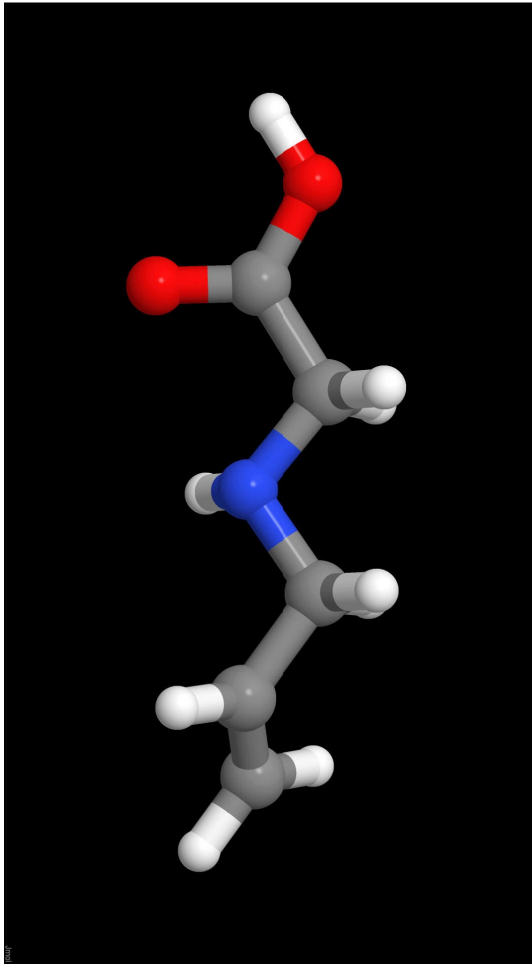
Kids & family

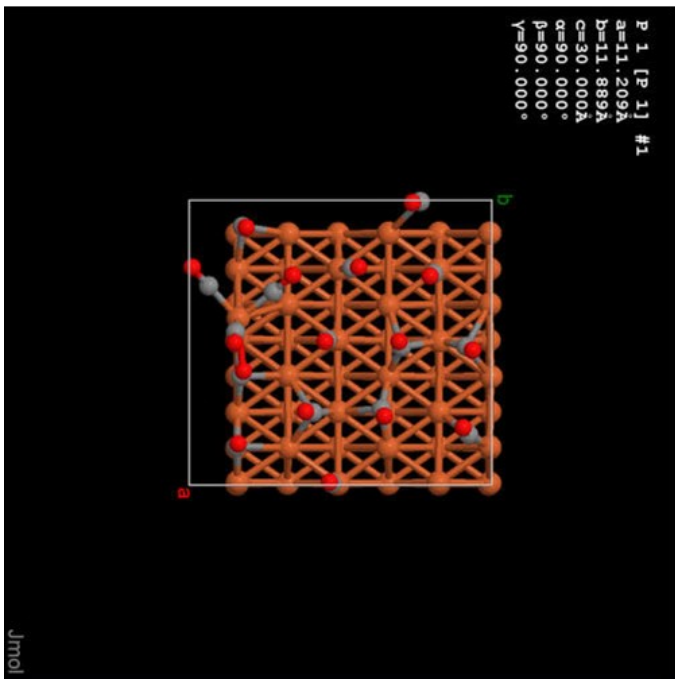
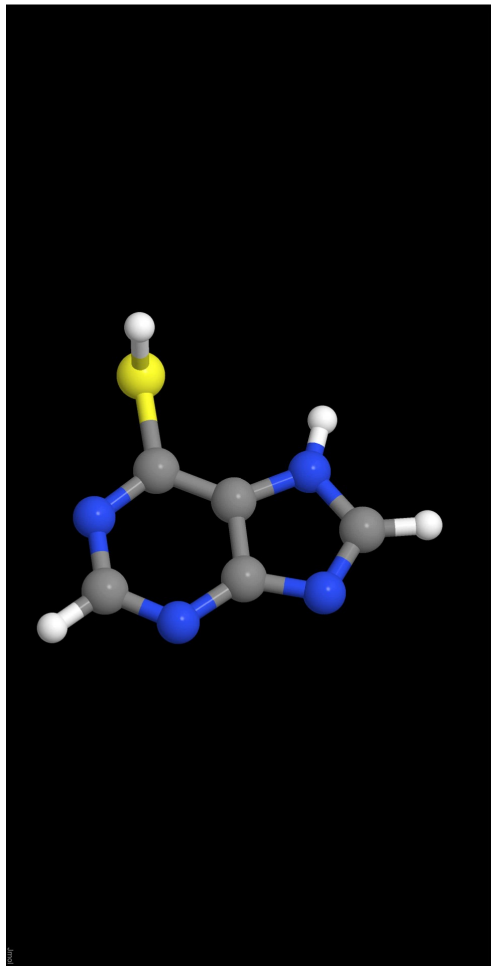
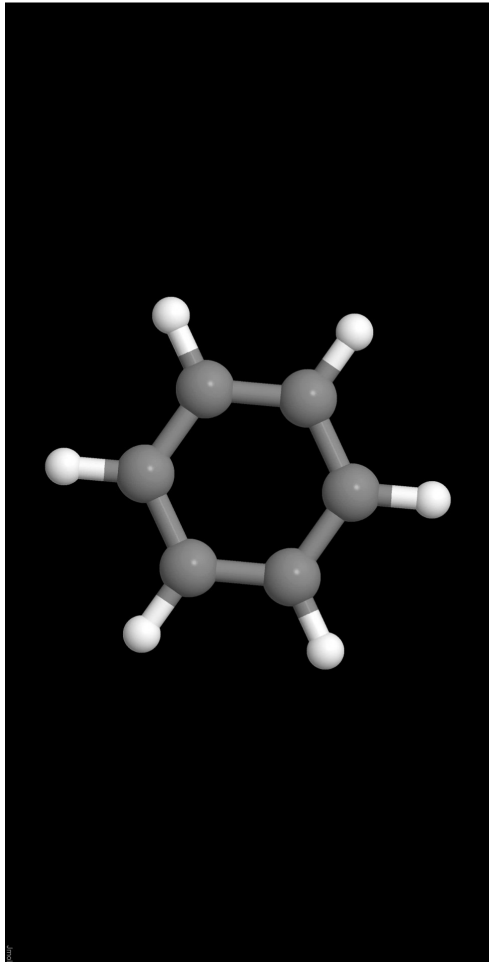
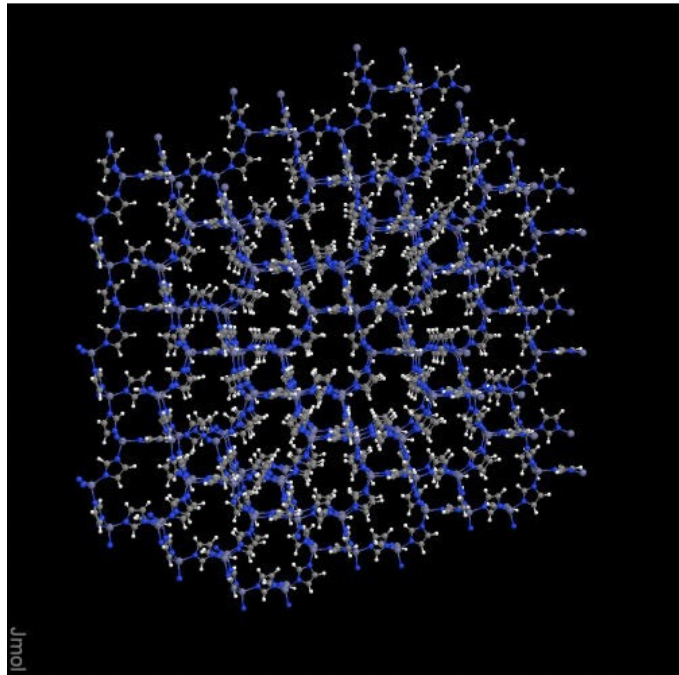
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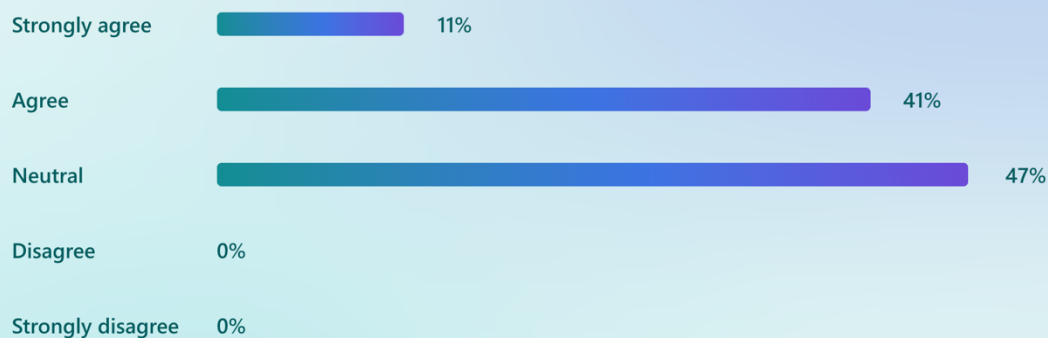
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Learning how to use the MatAR application was easy.



Treemap

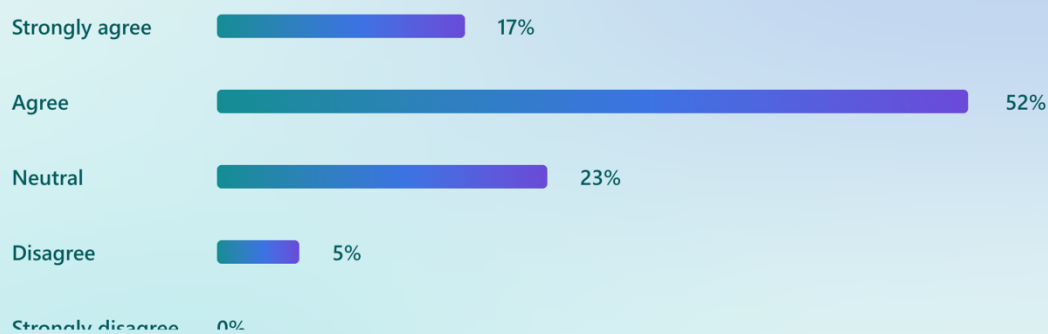
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Using the MatAR application for 3D view and interacting with molecules and systems of various sizes was practical and easy



Treemap

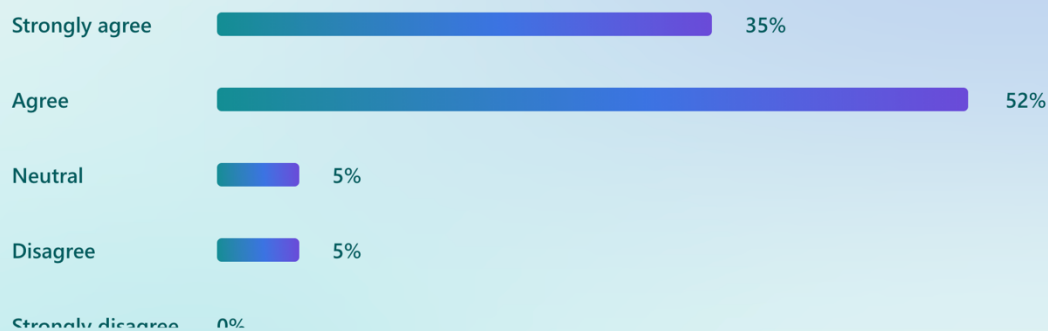
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I was able to change the coloring of the molecules by navigating the color palette



Treemap

Bar



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Having the option to use the color palette that suits my vision made the application more accessible



Treemap

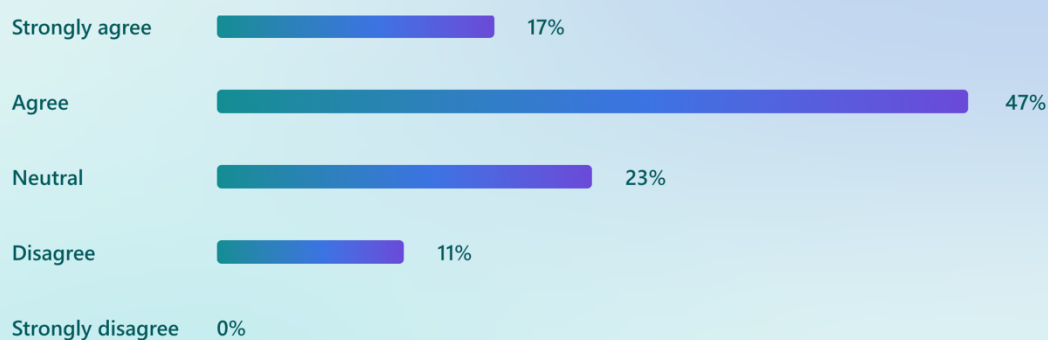
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Using the MatAR application, I was able to observe 3-D objects from various perspectives easily.



Treemap

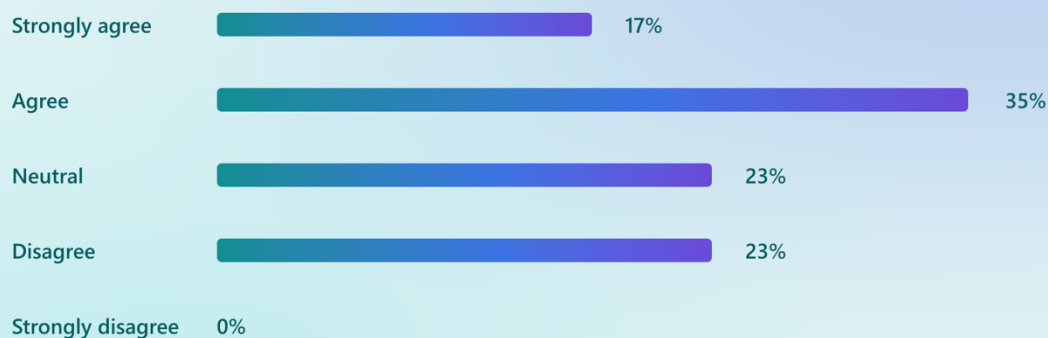
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Using the MatAR application, I was able to rotate 3-D molecules easily.



Treemap

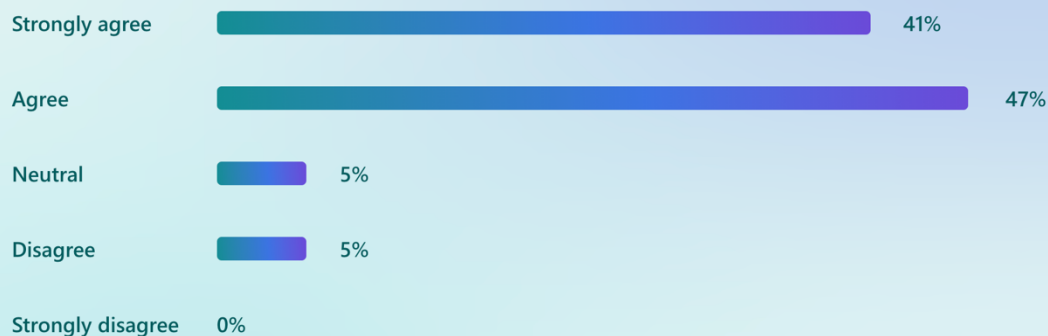
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Using the MatAR application, I was able to Zoom in and Zoom out 3-D molecules easily.



Treemap

Bar



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The MatAR application created a realistic-looking learning environment.



Treemap

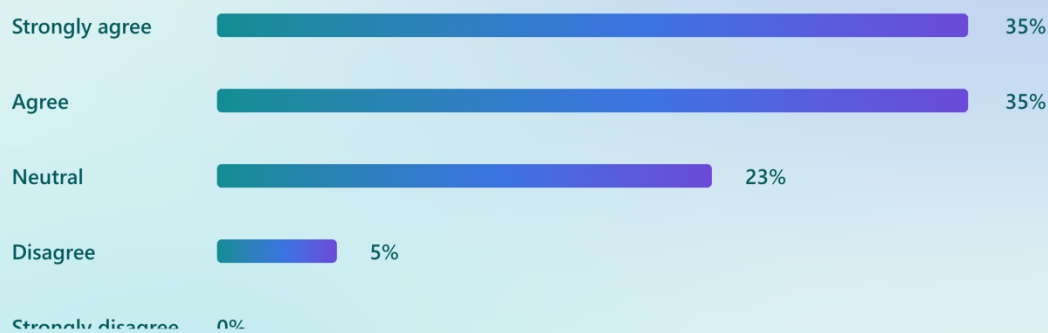
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I paid more attention when using 3-D molecules.



Treemap

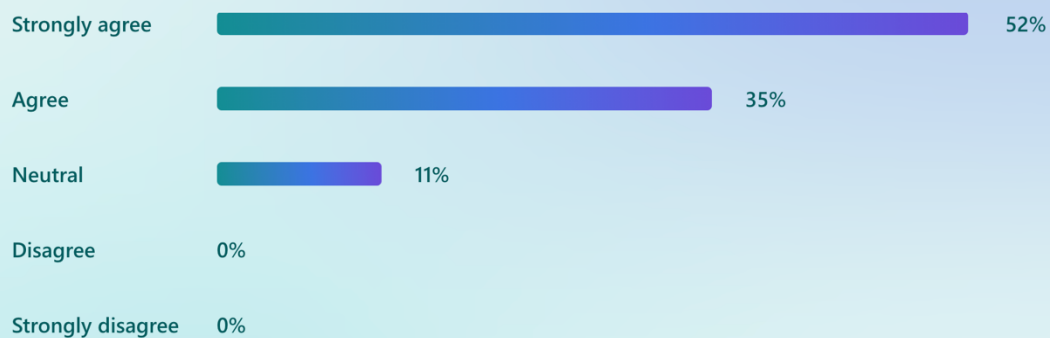
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I felt immersed in the 3-D Molecules Augmented Reality experience.



Treemap

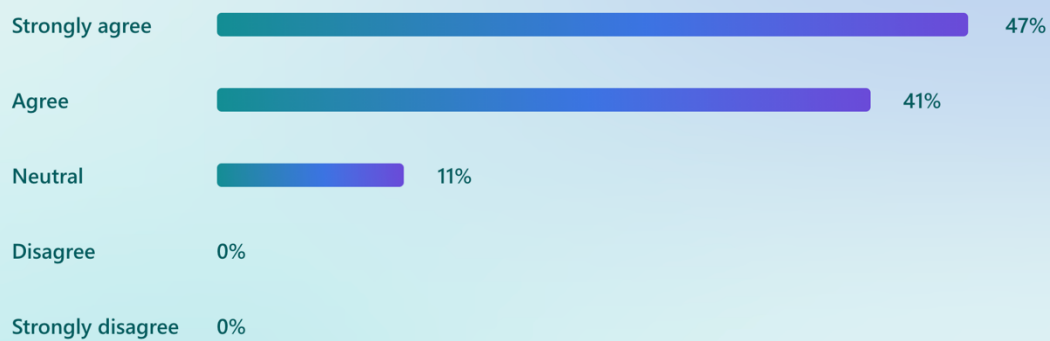
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I feel that using Augmented Reality to visualize the 3-D molecules is impressive



Treemap

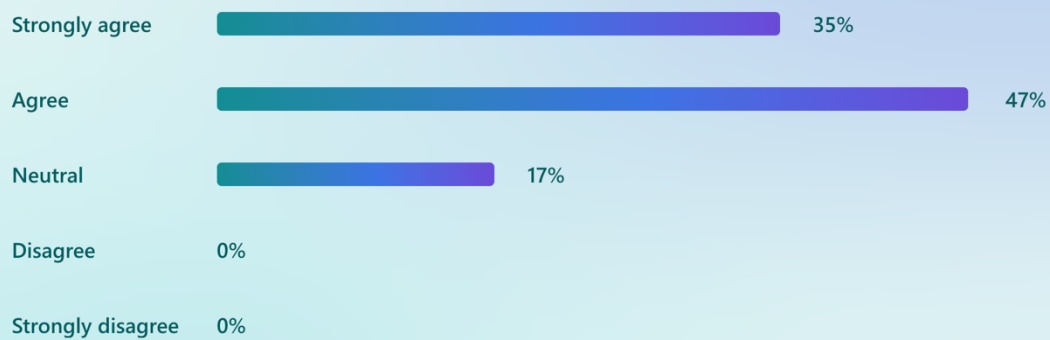
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The MatAR application can enhance my learning interest



Treemap

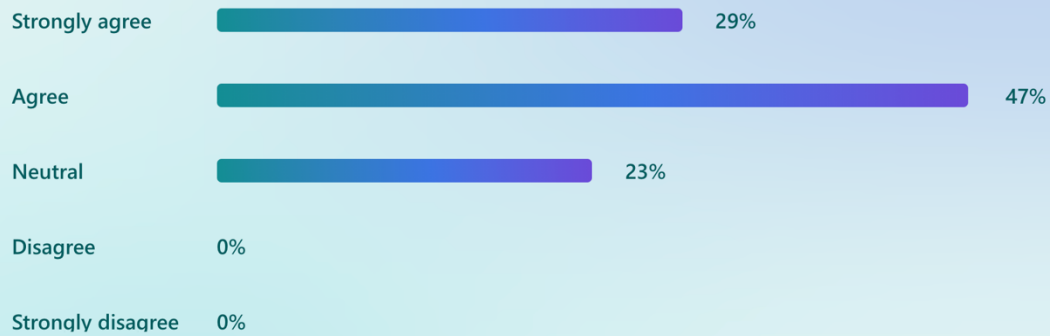
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The MatAR application can enhance my learning motivation for chemistry



Treemap

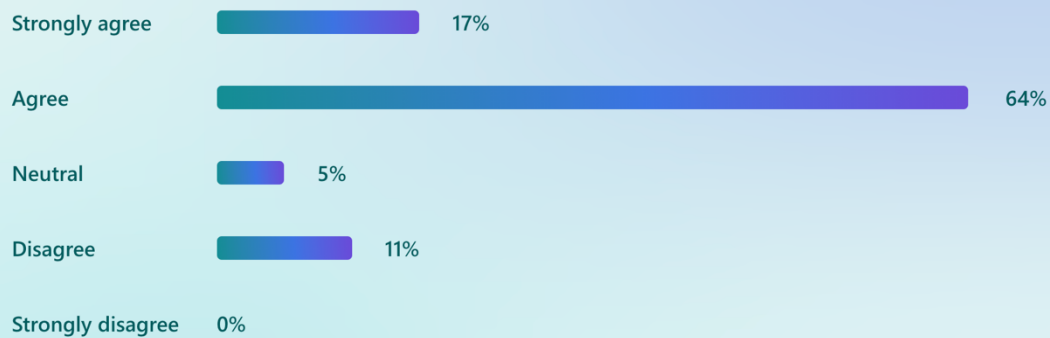
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I think MatAR can strengthen my intentions to learn Science



Treemap

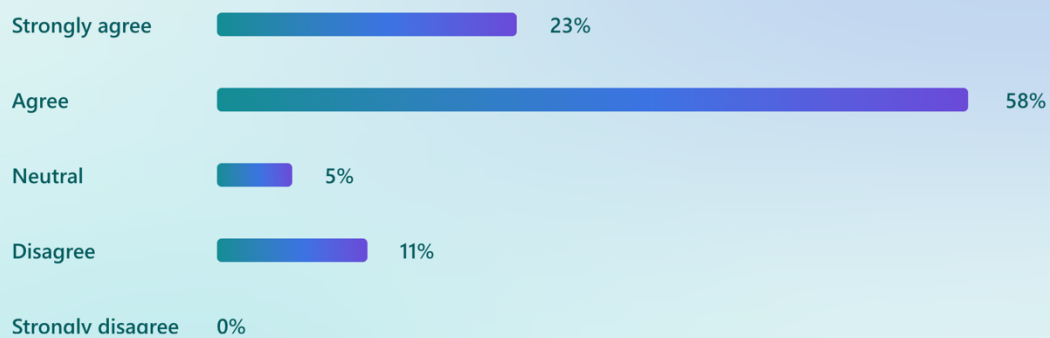
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I am willing to use Augmented Reality for learning in the future



Treemap

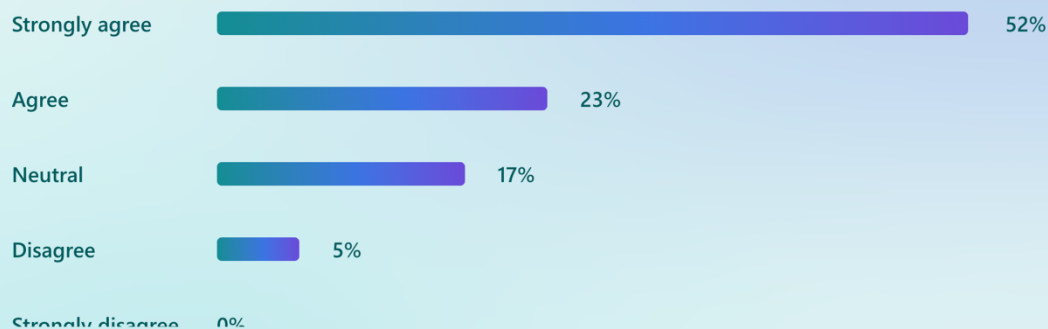
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I wish that teachers adopt Augmented Reality technology to facilitate my learning of chemistry.



Treemap

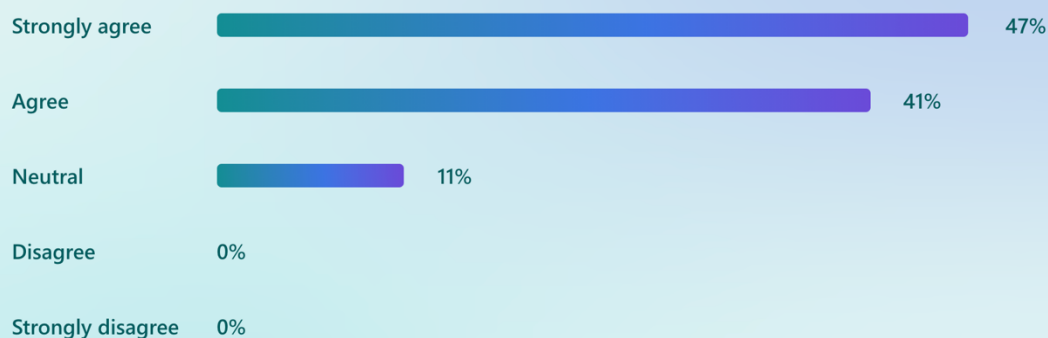
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Overall, I think that the MatAR application can become a good learning tool for other sciences



Treemap

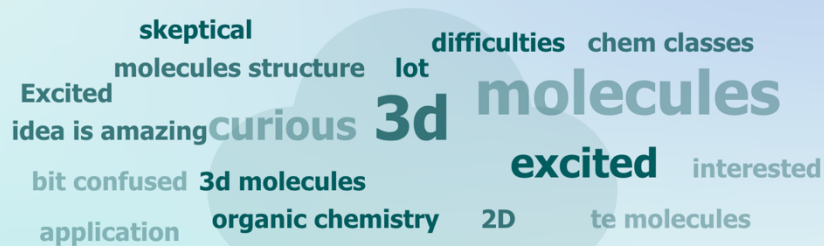
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Describe how you felt right before the Augmented Reality experience.



Wordcloud

All responses



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Describe how you felt during the Augmented Reality experience.

Android phone choice fast recognition worked perfectly
lot different colors 3d shape
different angles **molecule** **amazed**
organic chemistry App atoms
recognition of the molecule image
idea is amazing ability impressive features amazed by the technology
chem classes



Wordcloud

All responses



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Describe how you felt right after the Augmented Reality experience.

skeletal structures fun and excited symbol of the atoms
idea is amazing molecules lot better Application bit unstable
amazing structures fun molecule structure
organic chemistry interest 3D molecules
newer students especially for learning chemistry courses
chirality and chair color gradient

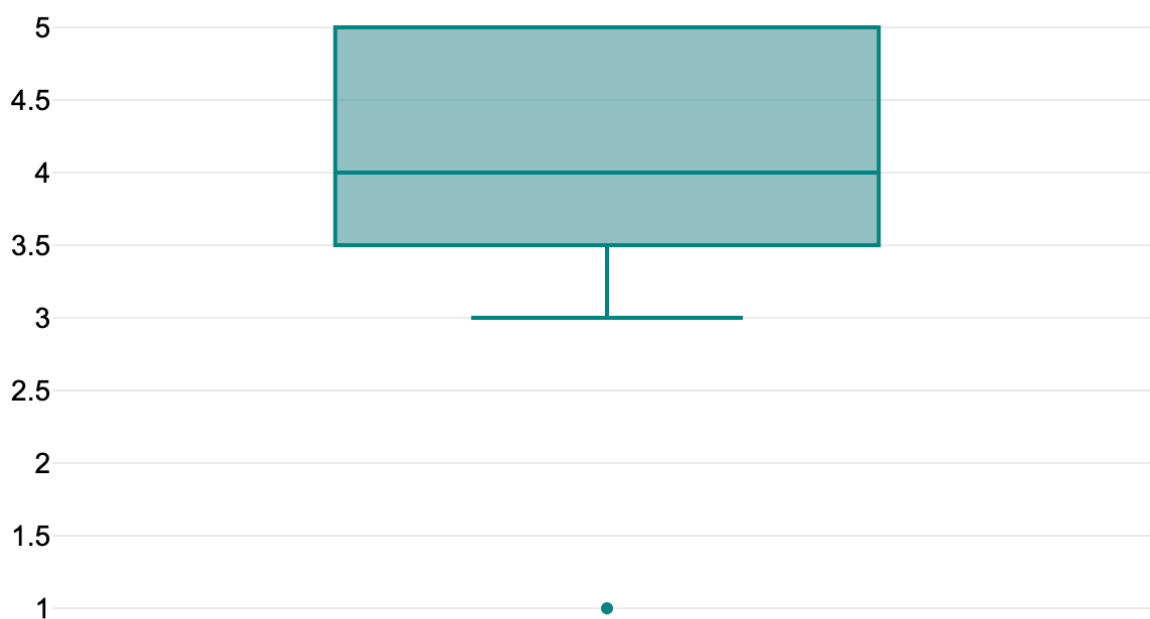


Wordcloud

All responses



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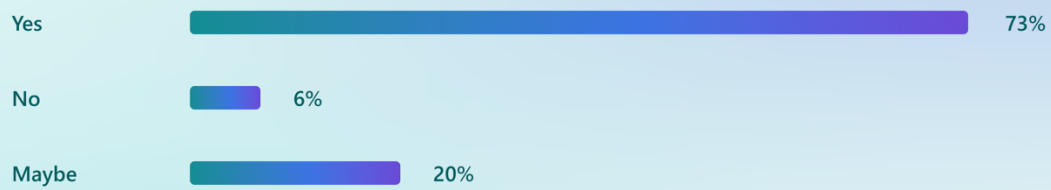


How would you rate the user experience from the MatAR App?



How likely are you to recommend us to a friend or colleague?

Do you think this platform can be useful to speed up or enhance your outcomes?



Treemap

Bar



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