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|  | Icon. Sale. |  |
| •STEAM CAMP! • |
| Spatial Visualization  |
| FREE: GRADES 6-8! |
| Ocean County College Presents: |
| Nov. 5- Dec. 3, 2020 | Thursdays 6-8pm | Virtual via Webex |
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| Email: pbogdan@ocean.edu or hjackson@cean.edu for additional questions about technology (see page 2 for tech requirements) | To register:Go to the following link [Registration!](https://docs.google.com/forms/d/1GlWppdvxk9BqiEIDF7hw-i1HE54WbJYA6rav9O55ncE/edit?usp=sharing) and digitally register. After registration, we will reach out to you with the login details.  |
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| **Goal:** This camp encourages spatial skills in both technical and artistic applications for middle school students.**Implementation**: Combine the use of the [Spatial Vis™](https://egrove.education/) application with drawing activities which align with the drafting techniques to show the full spectrum of STEAM* + Spatial Vis™ teaches freehand sketching to improve spatial skills which can increase grades in STEM, as well as CAD and Design skills.

**Required Materials for Students**: * Spatial Vis™ application
* Touchscreen device (smartphone, tablet, PC with touchscreen) – Use of a stylus is recommended.
	+ Android: Requires a minimum of Android 5.0 or higher
	+ Apple Devices: Requires a minimum or iOS 12 or higher
	+ Chromebooks: Need Google Play store enabled

Note: If a student does not have access to a device that meets the specification above, we have had a couple of users download the free Android Emulator called BlueStacks which allows students to download the app to their desktop computer. Keep in mind the experience with a mouse is not the same as a touchscreen. * Hand sketching tools (paper, pencil, straight edge / ruler),
* Internet access for live sessions on Webex

**Optional Materials for Students**: * Printed Graphing paper (isometric & Cartesian) - Free downloads for printing or pre-printed.
* Printouts of supplemental worksheets.
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