

Spatial Thinking with GPS, Maps, and Your School District



Is it possible to display details on a map from a distance in space of 12,000 miles while traveling at speeds of roughly 7,000 miles an hour? This GIS-based activity provides an innovative and relevant opportunity for youth to answer this question, using their school grounds as canvas to create and plan a drawing of their choice. The input drawing tool is GPS and the output will be a final printed copy using a mapping application.

File:

 [Spatial Thinking with GPS, Maps, and Your School District.pdf](#)^[1]

Common Measure:

[Technology](#) ^[2]

Media or doc type(s) included with this resource:

[PDF document](#) ^[3]

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Author(s), Presenter(s):

Jones, R. A.

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[Teen](#) ^[4]

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Links

[1]

https://cyfar.org/sites/default/files/cyfar_research_docs/Spatial%20Thinking%20with%20GPS%2C%20Maps%2C%20

[2] <https://cyfar.org/resource-common-measures/technology>

[3] <https://cyfar.org/resource-medium/pdf-document>

[4] <https://cyfar.org/resource-outcome-age-categories/teen>