The **Material Definition Language (MDL)**, developed by NVIDIA, allows sharing physically based materials and lights across various applications. [It enables the creation and rendering of materials in computer graphics, providing a standardized platform for describing material appearance and behavior in 3D rendering applications1](https://www.nvidia.com/en-us/design-visualization/technologies/material-definition-language/)[2](https://www.lotpixel.com/blog/what-is-material-definition-language).

Here are **five free resources** where you can learn more about MDL:

1. [**NVIDIA’s MDL Documentation**](https://www.nvidia.com/en-us/design-visualization/technologies/material-definition-language/): Explore the official documentation to understand MDL’s capabilities and usage[1](https://www.nvidia.com/en-us/design-visualization/technologies/material-definition-language/).
2. [**Material Design Lite (MDL)**](https://getmdl.io/): MDL is a library of components for web developers based on Google’s Material Design Philosophy. [It lets you add a Material Design look and feel to your websites without relying on any JavaScript frameworks](https://www.nvidia.com/en-us/design-visualization/technologies/material-definition-language/)[3](https://getmdl.io/).
3. [**Museums for Digital Learning**](https://museumsfordigitallearning.org/): Access free MDL content for classroom use and sharing[4](https://museumsfordigitallearning.org/).
4. [**Practical Introduction to MDL by Google**](https://www.sitepoint.com/practical-introduction-material-design-lite-google/): A practical guide to get started with MDL, including HTML templates and examples[5](https://www.sitepoint.com/practical-introduction-material-design-lite-google/).
5. [**Material Design Lite Components**](https://getmdl.io/components/index.html): Dive into the components provided by MDL and learn how to build modern mobile web apps with a Material Design look[6](https://getmdl.io/components/index.html).

Happy learning! 🚀📚