**Light & Sound**

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| **Big Idea** | **Emerging** | **Developing** | **Proficient** | **Extending** |
| Light and sound can be produced and their properties can be changed | Identifies sources of light and sound.  Categorizes light and sound by properties (e.g. loud/soft, bright/dull) | Observes, measures, categorizes and demonstrates how light and sound can be produced and their properties changed. | Analyzes ways in which light and sound can be produced both artificially or naturally in terms of scientific innovation (ie why we produce these, how they help us) | Experiments with light and sound to change properties for a specific purpose. |