

## NGSS Correlations

### Fluorescent Magic Sand MS-2/3

#### Elementary

##### 5-PS1-3

Students can use the Magic Sand to make observations and measurements to identify materials based on their properties.

##### 5-PS1-4

Students can conduct an investigation to determine whether the missing of two substances (Magic Sand and water) results in a new substance.

#### Suggested Science Idea(s)

##### DCI/HS-PS2.B

Investigations using the Magic Sand will demonstrate the attraction and repulsion between electric charges at the atomic scale explain the structure, properties, and transformations of matter, as well as the contact forces between material objects.

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#### Middle School

##### MS-PS1-1

Using the Magic Sand students can develop models to describe the atomic composition of simple molecules and their structures or properties.

#### High School

##### HS-PS2-6

Students will observe and communicate scientific information about why the molecular-level structure is important in the functioning of a material. Emphasis is on the repulsive forces and the hydrophobic nature of the Magic Sand.