

Transparent, Translucent and Opaque “All Around Us”

| Transparent | Translucent | Opaque |
|-------------|-------------|--------|
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|---------------------|---|--|--|
| <p>In the Class</p> | <p><i>class windows</i></p>  | <p><i>fluorescent light bulb</i></p>  | <p><i>wooden ruler</i></p>  |
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Students can work alone or in pairs to apply their knowledge and understanding about what Transparent, Translucent and Opaque mean by searching for an object that demonstrates each of these properties in each of the environments listed in the left column.

The “At Home” and ‘Somewhere in the World’ categories could be done as home learning challenges individually or with parent support.

Students need to write the name of the object and then provide a sketch as to what the object is.

Results will be shared either in 1:1 conferences with the teacher, small groups, pairs or to the class, depending on teacher identified need and purpose.

Students will be able to articulate the meaning of each of these scientific terms and give examples.

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|-------------------------------|----------------|----------------|----------------|
| <p>At Home</p> | <p><i></i></p> | <p><i></i></p> | <p><i></i></p> |
| <p>Somewhere in the world</p> | <p><i></i></p> | <p><i></i></p> | <p><i></i></p> |