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| **Science 8****Worksheet: Refraction**  | **Name:Date:Block:** |

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| 1. Use the diagram to answer the following questions:
	1. Draw the normal (as a dotted line).
	2. Identify which material (***air*** or ***water***) is more dense.
	3. Explain what happens when the ray of light moves from the fish to the eye.
 | Macintosh HD:Users:teacher:Dropbox:Screenshots:Screenshot 2017-03-06 16.04.37.png |

Draw a sketch of how light behaves as it passes from left to right through the following materials. Remember there is a NORMAL at every boundary!

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| Water | Air | Glass | Air | Water |
|  |  |  |  |  |
|  |  |  |  |
| Material more or less dense? Light will bend toward or away from normal? | Material more or less dense? Light will bend toward or away from normal? | Material more or less dense? Light will bend toward or away from normal? | Material more or less dense? Light will bend toward or away from normal? |