

TEACHER WORKSHEET: WHAT-HOW-WHY EVIDENCE: Assessment Tool for Explanatory Model

Go through student's explanatory models and record the explanations they provide in the appropriate category. When done, look over your lists and move items as needed.

Lens	Evidence Provided by Students in the Explanatory Model
<p data-bbox="110 329 306 362">“What” Lens</p> <p data-bbox="110 410 357 508">Students describe or ask about what they can observe.</p> <p data-bbox="110 553 306 581">What happened</p>	
<p data-bbox="110 751 290 784">“How” Lens</p> <p data-bbox="110 833 357 930">Students explain or ask about processes or relationships.</p> <p data-bbox="110 976 306 1003">How it happened</p>	
<p data-bbox="110 1144 290 1177">“Why” Lens</p> <p data-bbox="110 1226 344 1388">Students explain or ask about unobservables or theoretical principles.</p> <p data-bbox="110 1437 344 1502">Why it happened, using science ideas</p>	

