

What does it mean when a product is **research-based** ?



Learning Experience Design (LXD)
Research & Consulting
a division of Charles River Media Group, LLC



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RESEARCH-BASED

Answers Two Questions

1

What should be taught?

2

How should be taught?





1

What should be taught?

This is determined by...

- Studies by University Professors
- States creating state standards based on University studies



2

How should it be taught?

Methods, practices, routines - guidance provided by organizations such as:



DIGGING DEEPER

Third-Party Certification

- Educational products can be certified or approved by organizations with their own standards.
- These standards are designed to ensure that the products meet industry best practices.
- Examples of organizations that certify or approve educational products include:



LOOKING CLOSER

**How many students
need to use a
product for it to be
research-based?**

0

Zero students.



**A product can be research-based,
research-aligned, or science-based
and have **no evidence** that it ever
helped a student learn.**



Levels of Evidence

- The Every Student Succeeds Act requires educational products to provide evidence of their effectiveness according to four levels.
- Research-based equates to Level 4, demonstrating a rationale that a product should work.
- Many states do not accept Level 4 as sufficient evidence for reading intervention due to the lack of evidence.



Strong



Moderate



Promising



**Demonstrates
a Rationale**



IF A PRODUCT IS NEW

Educators should ask for the product's :

Logic Model or "theory of change" which outlines resources, key activities, outputs, and short- and long-term outcomes. This can be in the form of a whitepaper or research paper with citations.





FOR MORE
INFORMATION

Get in Touch



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