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|  | FORM D: Research-Based Effectiveness Determination2021 SLA, WL, ELD Adoption (Core only) |

REQUIRED for Core SLA, WL and ELD titles submitted for adoption consideration. Cells expand for your response.

 Available online at**:** [**https://webnew.ped.state.nm.us/bureaus/instructional-materials/publishers/**](https://webnew.ped.state.nm.us/bureaus/instructional-materials/publishers/)

**Provider/Publisher**:

**Grade(s):**

**Title:**

**Student Edition ISBN:**

***Form D must accompany any submission of core instructional materials for New Mexico’s review. For each core title that is submitted, a Form D must also be submitted.***

Notification as to whether or not submitted materials are found to be research-based will be communicated to the Provider/Publisher by **December 18, 2020**.

If research study or instructional material review are not available, Provider/Publisher must certify that materials were created to be aligned to the applicable New Mexico adopted content standards. LEA-created core instructional materials may also demonstrate effectiveness using correlational evidence that students using the core instructional material meet or exceed grade-level proficiency, as measured by the state assessment.

***We are submitting this core instructional material with the following type of evidence of research-based effectiveness:***

☐ Review by nationally recognized, independent experts in instructional material review [complete Option 1]; **OR**

☐ Independently conducted experimental or quasi-experimental research study [complete Option 2]; **OR**

☐ Certification by the publisher that the submitted materials were created to be aligned to the applicable New Mexico adopted content standards [complete Option 3]; **OR**

☐ LEA-created materials with correlational evidence that students meet or exceed grade-level proficiency, as measured by the state assessment [complete Option 4].

(Please choose only ONE option on each Form D.)

***Certification that the information contained in this submission is accurate:***

Signature of authorized Provider/Publisher representative:

Name:

Title:

Date:

**OPTION 1: Review by nationally recognized, independent experts in instructional material review**

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| **Criteria** | **Response by Provider/Publisher** | **For State Use Only** |
| **Instructional Material Review** | Link to Instructional Material Review: [insert link] Date Instructional Material Review Conducted: [fill in] Instructional Material Review’s Determination of Standards Alignment:☐ “Meets Expectations”☐ Certification that study was performed using New Mexico’s current content standards (or similar national standards that reflect New Mexico’s standards) |  |
| **Certification that Review is Independent** | Certification that review is Independent:☐ No compensation was provided to the reviewer(s) for or by the Provider/Publisher or anyone affiliated with the Provider/Publisher (for the review or for any other purpose) for the last three years;**AND**☐ No reviewer(s) and no affiliate organization conducting the review have any connection to Provider/Publishers (i.e., authorship, reviewers, advisors) nor do they receive any type of support from Provider/Publishers (i.e., sponsorships with affiliated meetings or organizational groups);**AND**☐ The instructional material review is freely available and not proprietary. |  |
| **Certification that Review is Expert** | Certification that review is Expert:☐ Reviewers demonstrate knowledge of New Mexico (or similar) content standards and implementation of these standards through curriculum in K-12 settings;**AND**☐ The team of reviewers includes a minimum of three people;**AND**☐ Reviewers have conducted multiple previous reviews of materials for alignment to college and career readiness standards for core instructional materials; **OR**☐ Reviewers have experience in designing instructional materials in K-12 settings; **OR**☐ Reviewers are educators experienced in utilizing instructional materials in K-12 settings. |  |
| **Certification that Review is Nationally****Recognized**  | ☐ Reviewer(s) have produced reviews that have been utilized within and/or outside of New Mexico to support state and district adoption of instructional materials.  |  |
| **Evidence Regarding Reviewers** | To support the certifications made above regarding reviewer expertise and national recognition:* Describe the selection, training, and experience of reviewers, highlighting information that supports the claims you made in the above certifications: [Insert relevant data or links to such data]\*
* Provide information on the organization conducting the review (if any), highlighting information that supports the claims you made in the above certifications: [Insert relevant data or links to such data]

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| **Evidence of Research Basis for Review** | Describe the review process, mindful of the determination the State will make regarding the research basis for this review.* Review criteria attend not just to the presence of standards, but to the underlying research-based aspects on which the standards are designed (i.e., learning progressions, instructional shifts, etc.).
* Sufficient indicators and evidence are available to assess whether Provider/Publishers’ materials fully meet the intent of New Mexico’s grade level content standards and goals; and materials as implemented are expected to support teachers and students.
* Provide review criteria: [Insert or provide link to description of criteria used for this review]
* Provide review process: [Insert or provide link to description of the process used for this review]
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**OPTION 2: Submitting results of independently conducted experimental or quasi-experimental research study**

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| **Criteria** | **Response by Provider/Publisher**  | **For State Only** |
| **Research Study**  | Link to Study: [fill in] Date Study Conducted: [fill in] ☐ Certification that study was performed using New Mexico’s current content standards.☐ Certification that assessments of student learning were determined using New Mexico’s state assessment or equivalent.  |  |
| **Level of Evidence** | ☐ Tier 1– Strong Evidence: supported by one or more well-designed and well-implemented randomized control experimental studies. [Complete “Tier 1: Strong Evidence” below.]☐ Tier 2 – Moderate Evidence: supported by one or more well-designed and well-implemented quasi-experimental studies [Complete “Tier 2: Moderate Evidence” below.]☐ Tier 3 – Promising Evidence: supported by one or more well-designed and well-implemented correlational studies (with statistical controls for selection bias).☐ Tier 4 – Demonstrates a Rationale: practices that have a well-defined logic model or theory of action, are supported by research, and have some effort underway by an SEA, LEA, or outside research organization to determine their effectiveness. |  |
| **Tier 1: Strong Evidence** | Certification that:☐ This study uses random assignment to ensure that the treatment and control groups are as similar as possible.☐ Levels of attrition are low, such that attrition does not compromise the outcome of the random assignment.☐ Confounding factors do not compromise randomization. (Ex: Intervention students are all English learners but comparison group has no English learners.)☐ The study demonstrates student learning gains. |  |
| **Tier 2: Moderate Evidence**  | Certification that:☐ This study lacks randomization but leverages some natural change to create groups like comparing results from before and after an intervention.☐ The factor that creates the different group is consistent and clear, with at least two groups for comparison. (Ex: a change in policy allows comparisons before and after.)☐ The study takes steps to demonstrate baseline equivalence, in that the groups were equivalent prior to intervention. ☐ The study demonstrates student learning gains. |  |
| **Tier 3: Promising Evidence** | Certification that:☐ The study uses statistical controls for selection bias.☐ The study demonstrates student learning gains. |  |

**OPTION 3: Certification by the publisher that the submitted materials were created to be aligned to the applicable New Mexico adopted content standards**

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| **Criteria** | **Response by Provider/Publisher** | **For State Use Only** |
| **Certification** | Choose the certification option that applies to the content of the materials being submitted:☐ **Spanish Language Arts:** Certification that the submitted materials were created to be aligned to the state adopted Spanish Language Arts Common Core State Standards AND the New Mexico Standards for Excellence: Spanish Language Arts Common Core Standards (New Mexico SLA Additional 15%; NMAC 6.29.15)☐ **English Language Development:** Certification that the submitted materials were created to be aligned to the state’s adopted English Language Development Standards (WIDA ELD Standards). ☐ **World Languages:** Certification that the submitted materials were created to be aligned to the state’s adopted World Languages Standards (World-Readiness Standards for Learning Languages; NMAC 6.29.8). |  |

**OPTION 4: LEA-created materials with correlational evidence that students meet or exceed grade-level proficiency, as measured by the state assessment**

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| **Criteria** | **Response by Publishing LEA**  | **For State Use Only** |
| **Study of LEA-Created Materials** | Link to Study: [insert link]Date Study Conducted: [fill in]☐ Certification that study was performed using New Mexico’s current content standards.☐ Certification that students using these core instructional materials meet or exceed grade-level proficiency.☐ Certification that study was performed using New Mexico’s state assessment. |  |
| **Evidence** | Summarize the findings of your correlation showing that students using these core instructional materials meet or exceed grade-level proficiency, as measured by the state assessment: [Insert summary]  |  |