

Purpose

KIPP Colorado seeks a data contractor to build and maintain robust data systems that enable us to track and act on our most important goals. The contractor will streamline access to assessment data, facilitate actionable insights, and ensure effective communication of progress toward key performance metrics.

Our Vision for Data

We aspire to easily measure progress toward:

- **Student Growth and Proficiency** in math and literacy
- **Attendance** rates
- **Sustainable Staffing** levels

Our data systems must empower stakeholders across all levels of the organization to make informed decisions that drive student success and operational excellence. Historically, access to data has varied depending on capacity and personnel. We currently have high-level summary data available for home office team leaders and principals, and we're striving to improve access to and action on more robust data reporting for teachers and campus leaders (in addition to principal and home office leader visibility). Ideally, our contract will include standards-level reports, as well as year-over-year and cohort comparison data.

Scope of Work

Our goal is that our data strategy integrates with our Academic Excellence priority - supporting stronger teaching and learning through access to data. This will include regular collaboration with our Academics team and collaboration on development and training to use data tools.

1. Assessment Data Integration and Reporting

For all major assessments (e.g., BOY, MOY, EOY Diagnostics, Interim Assessments, Unit Assessments), the contractor must ensure data is accessible and provides insights into:

- **Proficiency Levels:** Who is proficient, on track to proficiency, or far off?
- **Growth and Change Overtime:** Who is growing? By how much? How does the data compare with previous assessments for individual students and cohorts, and how does the data compare with previous years?
- **Standards and Learning Targets:** Which standards or targets show strength? Where is support needed?

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2. Multi-Dimensional Data Breakdowns

Data views should include:

- Student-level, classroom-level, teacher-level, grade-level, and campus-level analyses
- Comparisons across student groups (e.g., students with disabilities, multilingual learners, racial groups)
- Identification of bright spots and areas of concern by staff, student groups, and campuses

3. Comparative and Longitudinal Analysis

- Year-over-year and cohort comparisons by grade level, content area, and campus
- Comparisons and correlations between assessments (e.g., i-Ready, ANet, DIBELS, CMAS)
- Student-level growth tracking (e.g., scale score changes, lessons passed)

4. Cross-Assessment Correlations

- Correlation analyses between assessments (e.g., i-Ready vs. ANet, i-Ready vs. PSAT).
- Trend identification across multiple data points (e.g., attendance rates and scale score, attendance rates and growth, student performance and teacher staffing).

5. Data Timeliness and Accessibility

- Communicate assessment administration and data pull schedules.
- Provide real-time monitoring of data collection progress, including providing data that supports daily emails on completion rates.
- Ensure all campuses have access to breakdowns and student-level data.

6. Visualization and Reporting

- Roll up and visualize data for various stakeholders, including:
 - Board members
 - Executive team
 - Home Office teams
 - Campus teams
- Enable weekly progress monitoring for focus goals and quarterly scorecard updates.

Deliverables

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The selected contractor will be expected to:

1. **Build and Maintain a Data System:** All data and systems must be on KIPP Colorado server owned by KIPP Colorado.
 - Comprehensive, user-friendly dashboards and reports
 - Aggregated and disaggregated views by standards, students, teachers, campuses, and groups
2. **Support Data-Informed Decision-Making:**
 - In partnership with our Academics team:
 - i. Identify bright spots and areas needing intervention
 - ii. Offer actionable recommendations tied to data insights
3. **Ensure Data Accuracy and Timeliness:**
 - Clear communication of assessment reporting windows and turnaround times
 - Real-time monitoring of data completeness
4. **Develop Tools for Cross-Assessment Comparisons:**
 - Create correlations between different assessments
 - Highlight trends and patterns over time
5. **Provide Training and Support:**
 - Conduct training sessions for various stakeholder groups
 - Create user-friendly documentation (such as training materials, FAQs, etc.) to encourage user adoption across varying technical skill levels
 - Create user-friendly documentation for upkeep, sustainability, and maintenance for continued use by the KIPP Colorado Data Team.

Proposal Requirements

Consultant Qualifications

- Demonstrated experience with K-12 education data systems
- Expertise in designing dashboards and visualizations for diverse stakeholders
- Strong understanding of data compliance (e.g., FERPA)

Submission Guidelines

Proposals should include:

- A description of your approach to meet the scope of work
- Examples of similar projects you've completed
- Proposed timeline and milestones

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- Pricing structure and total estimated cost
 - References from previous clients
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Evaluation Criteria

Proposals will be evaluated on:

- Alignment with project goals
 - Experience and expertise
 - Quality of deliverables in past projects
 - Cost-effectiveness and value
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Submission Details

- **Deadline:** 3/6/2025
- **Contact:** Christina Lambacher - Director of Special Projects - clambacher@kippcolorado.org
- **Format:** Submit as a single PDF document.

We look forward to partnering with a data contractor who will enable us to harness the full potential of our data to drive student and organizational success.