Training Course on Using Assessment Data for Instructional Improvement

Professional Development Training Course Outline

Category	Educational Leadership and Management	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s data-driven education landscape, leveraging assessment data is no longer optional—it's essential. Training Course on Using Assessment Data for Instructional Improvement is designed to equip educators, administrators, and school leaders with the actionable skills needed to analyze and interpret student assessment data to inform and improve classroom instruction. The course emphasizes data literacy, evidence-based teaching, and differentiated instruction, ensuring instructional decisions are rooted in real student needs. Participants will explore best practices and tools for using data to close achievement gaps and drive academic success.

With increasing demands for accountability, equity, and personalized learning, educators must be able to effectively translate assessment insights into targeted teaching strategies. Through engaging modules, hands-on activities, and real-world case studies, this course empowers educational stakeholders to create a culture of continuous improvement by using formative and summative assessment data as the foundation for instructional planning.

Programme Curriculum

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Course Objectives

1. Understand the role of data-informed instruction in academic performance.
2. Interpret formative and summative assessments to identify student learning gaps.
3. Utilize benchmark data to inform lesson planning and delivery.
4. Apply data-driven decision-making in classroom and school-wide settings.
5. Develop actionable instructional strategies based on assessment results.
6. Explore data dashboards and other edtech tools for real-time data monitoring.
7. Identify trends and patterns in student achievement data.
8. Implement differentiated instruction using data insights.
9. Engage in collaborative data analysis within Professional Learning Communities (PLCs).
10. Understand the impact of data literacy on teacher effectiveness.
11. Foster a culture of continuous improvement through data usage.
12. Use assessment data to support educational equity and inclusion.
13. Design and evaluate intervention plans based on performance data.

Target Audiences

1. K–12 Teachers
2. School Administrators
3. Instructional Coaches
4. Curriculum Developers
5. Data Analysts in Education
6. Special Education Coordinators
7. Educational Consultants
8. Teacher Educators

Course Duration: 10 days

Course Modules

Module 1: Introduction to Assessment Data

- What is assessment data?
- Types of classroom assessments
- Importance of data in instructional planning
- Understanding data collection tools
- Ethical considerations in data use
- *Case Study: Using diagnostic data to launch a new school year*

Module 2: Formative vs Summative Assessments

- Characteristics of formative assessments
- Characteristics of summative assessments
- Purpose and timing differences
- Impact on instructional adjustments
- Integrating both for comprehensive insights
- *Case Study: Mid-year adjustments from exit ticket analysis*

Module 3: Data Literacy for Educators

- Defining data literacy
- Reading charts, graphs, and tables
- Identifying key indicators
- Avoiding misinterpretation of data
- Building school-wide data fluency
- *Case Study: Data literacy professional development success*

Module 4: Analyzing Student Performance Data

- Disaggregating data by subgroups
- Spotting trends and learning gaps
- Using error analysis
- Tools for effective analysis (Excel, Google Sheets)
- Aligning data with learning standards
- *Case Study: Data use in identifying underperforming subgroups*

Module 5: Developing Instructional Strategies from Data

- Matching strategies to specific learning needs
- Tiered instruction based on data
- Grouping strategies for interventions
- Aligning assessments with instruction
- Creating data-driven lesson plans
- *Case Study: Raising test scores through re-teaching plans*

Module 6: Using Technology for Data Management

- Overview of data dashboard tools
- Automating data collection
- Visualizing data trends
- Learning management systems (LMS) integration
- Privacy and FERPA compliance
- *Case Study: Google Classroom + Sheets for tracking student growth*

Module 7: Differentiation through Data

- Grouping students by performance
- Customizing content delivery
- Assessment accommodations
- Creating personalized learning paths
- Monitoring and adjusting plans
- *Case Study: Individualized instruction success in 4th grade math*

Module 8: Intervention Planning

- Identifying students for intervention
- Setting SMART goals
- Progress monitoring
- Coordinating with support staff
- Reviewing intervention outcomes
- *Case Study: RTI success story from a Title I school*

Module 9: Collaborative Data Practices (PLCs)

- Setting up a PLC focused on data
- Structuring effective data conversations

- Shared goal setting
- Distributing leadership
- Accountability measures
- *Case Study: PLCs using data walls for grade-level success*

Module 10: Equity and Inclusion Through Data

- Identifying disparities
- Using data to remove bias
- Culturally responsive assessment practices
- Engaging underrepresented student data
- Addressing systemic inequities
- *Case Study: Equitable grading practices in a diverse district*

Module 11: Data-Driven Curriculum Design

- Aligning curriculum maps with assessment data
- Reviewing unit effectiveness
- Creating pacing guides
- Mapping standards to performance indicators
- Adjusting curriculum in real time
- *Case Study: Redesigning curriculum based on district data review*

Module 12: Leadership in Data Use

- Building a data culture
- Empowering teachers as data leaders
- Aligning data with school vision
- Resource allocation based on data
- Evaluating program effectiveness
- *Case Study: Principal-led data revolution in urban high school*

Module 13: Engaging Stakeholders with Data

- Communicating data to parents
- Creating student data portfolios
- Data-informed goal setting with students
- Translating data for non-educators
- Using visuals for understanding
- *Case Study: Student-led conferences using performance dashboards*

Module 14: Evaluating Data Practices

- Tools for evaluating data systems
- Establishing benchmarks for success
- Teacher self-assessment using data
- Student feedback loops
- Repeating the data cycle
- *Case Study: End-of-year review using school-wide metrics*

Module 15: Sustaining Data Use Over Time

- Building long-term data habits
- Professional development planning
- Maintaining data accuracy
- Embedding data in school culture

- Celebrating data-informed successes
- *Case Study: Three-year data growth plan in a suburban district*

Training Methodology

- Interactive live and asynchronous sessions
- Hands-on practice using real assessment datasets
- Breakout room collaboration and role-play exercises
- Pre- and post-training assessments
- Reflective journaling and data logs
- Continuous support through online communities

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training CenterANCY LD account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Ready to enroll or request a customized program? Book online or contact us:

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