

Data-Informed Instruction Checklist

How to use data to support student learning.

1. Understanding Student Data

- Review recent assessment results (classroom, district, state).
- Identify strengths and areas for growth for each student.
- Compare performance across subjects or standards.
- Look for patterns across student groups (IEP, EL, grade level).

2. Setting Learning Goals

- Set clear, measurable goals based on data.
- Align goals with grade-level standards.
- Create individual goals for students needing extra support.
- Share goals with students in student-friendly language.

3. Planning Instruction

- Group students based on similar needs or strengths.
- Choose instructional strategies that match student data.
- Plan targeted small-group or one-on-one instruction.
- Select materials and resources aligned to student needs.

4. Monitoring Progress

- Use quick checks (exit tickets, quizzes, observations).
- Track progress regularly for each student.
- Adjust groups based on new data.
- Identify students who need additional intervention.

5. Providing Feedback

- Give timely, specific feedback based on data.
- Use feedback to guide student reflection.
- Celebrate growth and progress.
- Communicate with families about student progress.

6. Adjusting Instruction

- Modify lessons based on what the data shows.
- Re-teach concepts when needed.
- Provide enrichment for students who have mastered skills.
- Use flexible grouping to respond to changing needs.

7. Collaborating with Colleagues

- Share data insights during team or PLC meetings.
- Compare strategies and outcomes with colleagues.
- Co-plan lessons or interventions based on shared data.
- Review school-wide trends to support grade-level planning.

8. Supporting the Whole Child

- Consider attendance, behavior, and engagement data.
- Identify non-academic factors affecting learning.
- Connect students with needed supports (counselor, interventionist).
- Monitor social-emotional progress alongside academics.

9. Reflecting on Practice

- Review what strategies worked well.
- Identify areas for instructional improvement.
- Adjust future planning based on reflection.
- Document insights for future reference.

10. Questions for Follow-Up

- What data needs deeper analysis?
- Which students need additional support or enrichment?
- What instructional strategies should be tried next?
- What conversations should be scheduled with families or colleagues?