




---

## Highlights

- Provides quantitative and qualitative evidence of the impact of a specific strategy on student achievement
  - Results in better improvement planning with precision and intentionality through a results-based approach
  - Identifies monitoring and feedback strategies necessary for ongoing improvement and accountability
- 

# Measuring and Monitoring Impact

*Moving from hoping to knowing your strategy is successful*

School districts currently exercise a great deal of effort and apply significant resources to strategy implementation. But many are very often left wondering whether the specific strategies have had the intended impact on student achievement. They are not able to clearly describe whether, or to what extent, the resources that were allocated had a measurable impact on the identified learning needs, or what additional efforts may be needed to achieve the desired results.

When the district improvement planning process identifies a specific strategy to be implemented across the district, the initiative reflects an identified student achievement need. The implementation cycle highlights professional learning requirements for teachers - focused on *what* teachers need to do and on *how* they need to do it.

Even though the initiative may clearly identify the effective pedagogy being promoted, the challenge remains: how to measure the impact of strategy implementation on student learning and achievement. Too often, “monitoring” the impact of a strategy relies on informal methodologies with little objective value.

## Clarifying, Identifying and Measuring Impact

The IBM K-12 **Measuring and Monitoring Impact** offering will help your district staff develop a plan to clearly and effectively monitor the progress of a targeted strategy. This will be done by addressing both the quantity of *effort* and the quantity of *effect* of the strategy on student achievement and will lead to the creation of an effective data driven, results- based monitoring plan which ensures accountability.

The goal of this plan is to move from *thinking* that the strategy implementation has made a difference to *knowing* that it has had a quantitative, measurable impact on both teacher and student learning.



Developing an effective, results- based monitoring strategy using current student achievement data ensures that the efforts of a district improvement plan reflect the student achievement outcomes identified and provides an efficient and effective, results-based measure of accountability.

## Methodology

A measuring and monitoring for impact engagement may contain several layers and districts may choose any range of services, depending on their own needs.

In a typical engagement, the IBM K-12 education consultants would start the process by:

- clarifying the strategy which has been defined by the district in their improvement efforts;
- then working with district staff to identify the actions that teachers are expected to be taking to implement the strategy;
- measure the anticipated impact of these actions on student and teacher learning.

With this information, a plan would be developed which would identify clear benchmarks for measurement, using both quantitative and qualitative measures.

If required, IBM K-12 education consultants can be involved in the implementation of the plan on an ongoing basis to ensure that key measures are taken and reported on as required.

### Typical Length of Engagement: 3-4 weeks

Ongoing support for plan implementation may lead to additional services throughout a school year.

## Why IBM?

The IBM Canada K-12 Teaching and Learning Consulting team is comprised of educators and educational leaders who have been working with school districts for over 30 years to plan, implement and monitor change in their organizations. IBM K-12 understands the importance of clearly defining and measuring the impact of your work on student learning and achievement.

## For more information

To learn more about IBM K-12 **Measuring and Monitoring Impact**, please contact your IBM Marketing Representative. For more information on all our IBM K-12 Consulting and Professional Services, visit:

[www.ibm.com/industries/education/canada-k-12-service-briefs](http://www.ibm.com/industries/education/canada-k-12-service-briefs)



---

IBM Corporation  
3600 Steeles Ave. East  
Markham, ON L3R 9Z7 Canada  
October 2019

IBM, the IBM logo, ibm.com and IBM K-12 are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at [ibm.com/legal/copytrade.shtml](http://ibm.com/legal/copytrade.shtml)



Please Recycle

---