

# Deep Learning - Health Check




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## Highlights

- Gain a clear understanding of the depth of implementation of your deep learning plan and related strategies
  - Measure the impact of pedagogy and assessment practices that align with your deep learning plan
  - Understand the impact of your district's focus on deep learning
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## *Understanding the Impact of Your Implementation*

Many districts have developed plans for the implementation of deep learning practices in schools. The next essential step is that these plans be monitored to ensure the degree and depth of implementation. Unfortunately, the work of monitoring is often done as an after-thought, or not at all.

### Why do a Deep Learning Health Check?

As a district:

- You have been implementing deep learning practices but are unsure as to the effectiveness or the extent to which it has been embedded in teacher practice – its depth, spread, sustainability and ownership.
- You recognize the importance of focusing on deep learning strategies in education but are unsure how to develop the most effective plan for implementation to create system spread.
- There is mention of deep learning/inquiry-based approach in the board or school improvement plan but there is no statement about the impact of any specific strategies to meet those goals, and/or the impact of these strategies is unknown.

### How IBM K-12 Can Help

Districts continue to look for ways to measure the impact of initiatives and of their collective work. This engagement will assess implementation of your deep learning elements, including pedagogical practices, within your district, to identify areas for further refinement and to ensure continued success.

At IBM K-12, our experienced educational consultants understand that new initiatives must be practical and effectively implemented. We can help your district evaluate the impact of your deep learning plan by providing an objective, third-party, evaluation on your current implementation through a deep learning audit.



### Our consultants would:

- Evaluate your district/school/teacher pedagogical documentation strategy to improve professional practice in deep learning
- Provide an objective assessment of the degree to which a district's implementation plan has gained depth, spread, sustainability and ownership
- Provide recommendations for next steps based on the above

### Methodology

The IBM K-12 Education Consultant would start the process by reviewing and gaining a clear understanding of the district's deep learning plan by:

- Reviewing the Deep Learning documentation in the current board improvement plan and other relevant documents
- Confirming the district's continued commitment to deep learning through a mix of interviews and surveys with the senior team, district consultants, school administration and staff, to identify the effectiveness of the implementation of deep learning practices
- Assessing the depth of implementation of instructional and assessment strategies to support deep learning practices through a series of in-school visits
- Preparing a high-level summary report with supporting data on the effectiveness of deep learning implementation
- Spending ½ day on site with the appropriate Senior Leaders to review findings, recommendations and next steps

### Optional Offering

This engagement can be modified to review the status of practices in a school district *prior* to the implementation of a district's deep learning plan, thus providing valuable baseline data for the district. In such a case, additional health checks could be completed at various points along the implementation journey.

**Typical Length of Engagement:** 3 weeks with 4 to 8 days on-site.

### Why IBM?

The IBM Education Consultants have the understanding and experience to identify, evaluate and look critically at the deep learning practices being implemented within schools and across a district, based on first-hand involvement in their own and other school districts across the country. Our consultants understand the importance of effective implementation that aligns with district and school-based goals and priorities. The consultants' perspective as a third party, evaluating the impact of the deep learning plan from the outside in, provides staff with an objective assurance of depth of implementation in their district.

### For more information

To learn more about IBM K-12 **Deep Learning – Health Check**, 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)



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October 2019

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