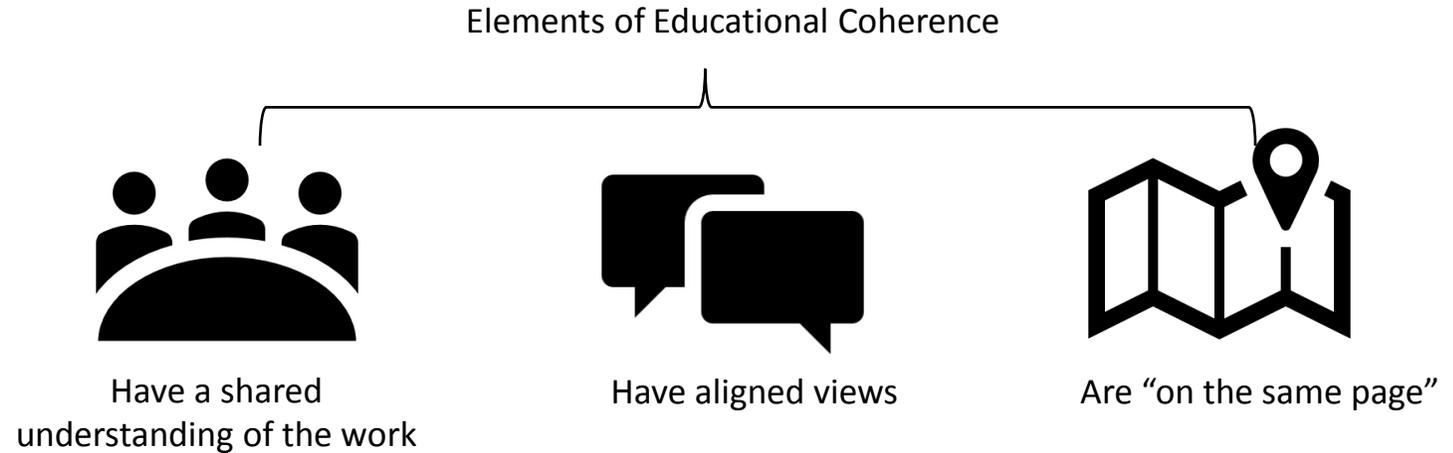


Educational Coherence: Learning from System-wide STEM Implementation

What is educational coherence?

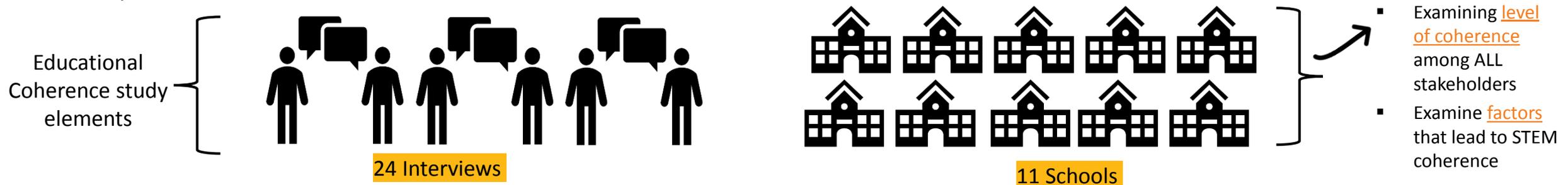
Educational coherence is when **ALL** stakeholder groups (i.e., administrators, teachers, and STEM leadership):



Coherence is essential between stakeholders to have maximized effectiveness in an educational initiative

Overview of Study

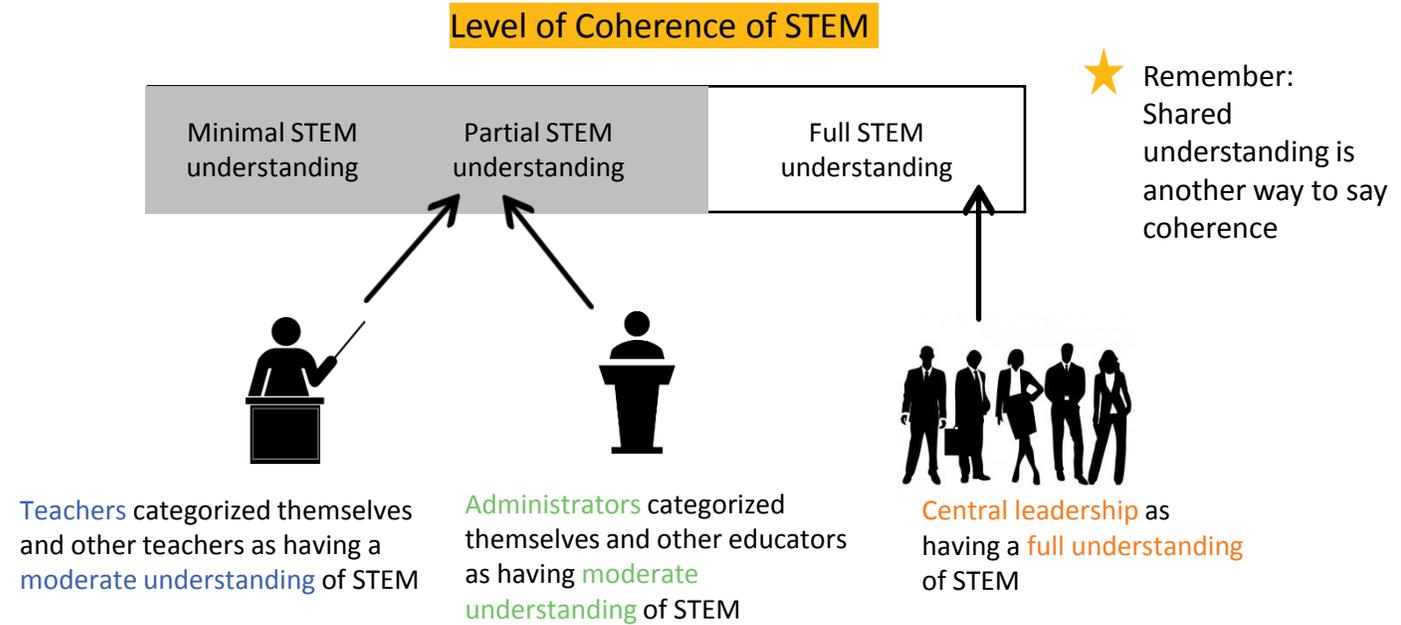
To **study educational coherence** in the Toronto District School Board, **24 interviews** with Science, Technology, Engineering and Mathematics (STEM) leadership and STEM/robotics administrators at **11 different schools** were conducted as part of the system-wide STEM implementation.



Key Findings

The key finding was while there were instances of shared understanding (coherence) between teachers, administrators, and central leadership there is still room to increase coherence across the board.

The majority of both teachers and administrators categorized themselves and others as having a moderate understanding of STEM, while central leadership had a full understanding.



Bottom Line: There is a lack of coherence among understanding of STEM at different level of TDSB

Recommendations



Ensure ALL stakeholder groups are aligned



Eliminate competing agendas



Provide clear information with regular updates



Cultivate Collaboration



Promote Deep Learning



Secure Accountability



A framework for implementing initiatives has been developed. Check it out at the end of the report!