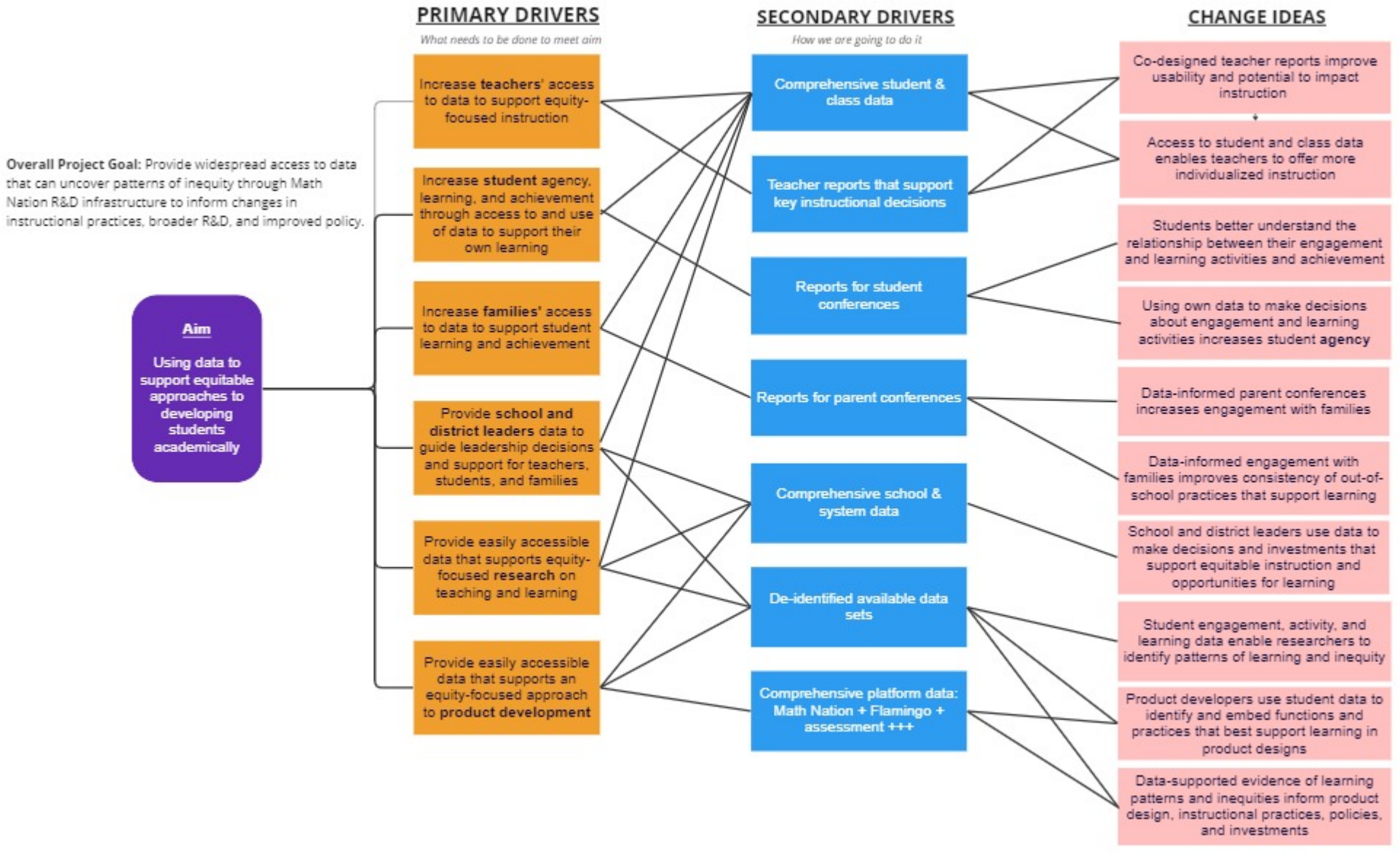
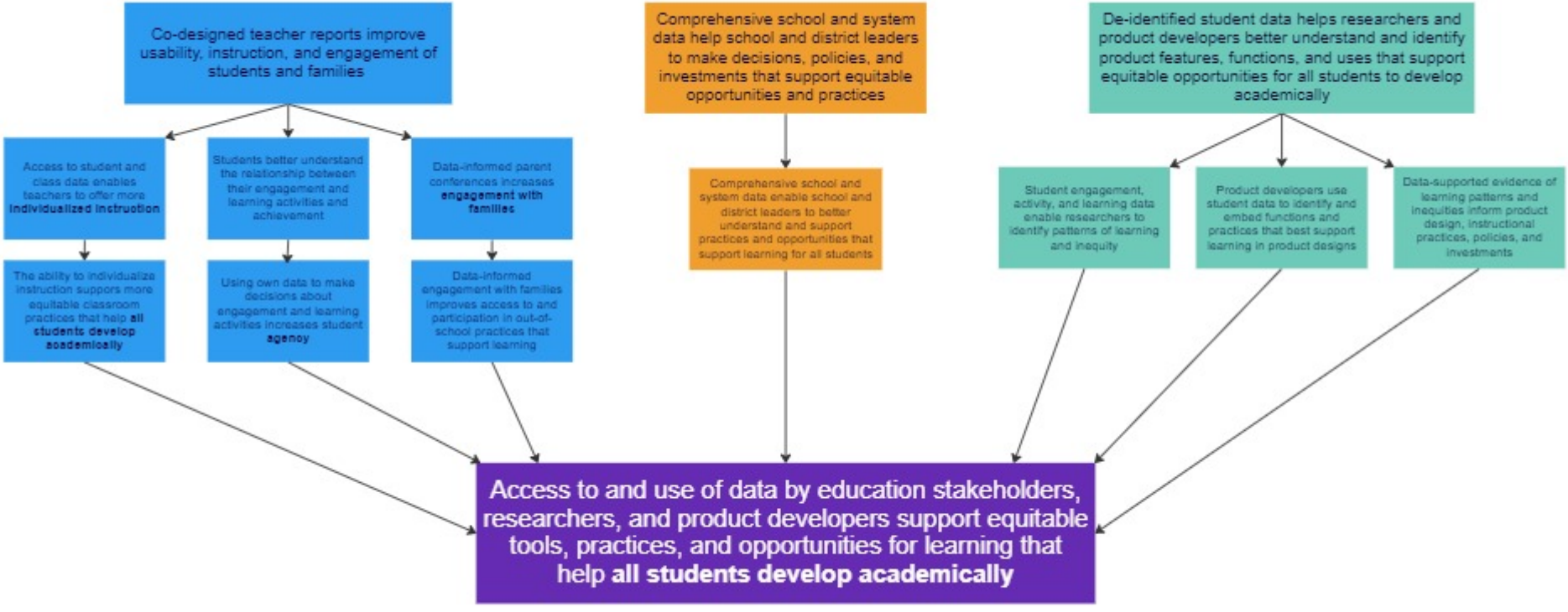

PRIMARY DRIVERS
What needs to be done to meet aim
SECONDARY DRIVERS
How we are going to do it
CHANGE IDEAS
Overall Project Goal: Provide widespread access to data that can uncover patterns of inequity through Math Nation R&D infrastructure to inform changes in instructional practices, broader R&D, and improved policy.
Aim
Using data to support equitable approaches to developing students academically
Increase teachers' access to data to support equity-focused instruction
Increase student agency, learning, and achievement through access to and use of data to support their own learning
Increase families' access to data to support student learning and achievement
Provide school and district leaders data to guide leadership decisions and support for teachers, students, and families
Provide easily accessible data that supports equity-focused research on teaching and learning
Provide easily accessible data that supports an equity-focused approach to product development
Comprehensive student & class data
Teacher reports that support key instructional decisions
Reports for student conferences
Reports for parent conferences
Comprehensive school & system data
De-identified available data sets
Comprehensive platform data: Math Nation + Flamingo + assessment +++
Co-designed teacher reports improve usability and potential to impact instruction
Access to student and class data enables teachers to offer more individualized instruction
Students better understand the relationship between their engagement and learning activities and achievement
Using own data to make decisions about engagement and learning activities increases student agency
Data-informed parent conferences increases engagement with families
Data-informed engagement with families improves consistency of out-of-school practices that support learning
School and district leaders use data to make decisions and investments that support equitable instruction and opportunities for learning
Student engagement, activity, and learning data enable researchers to identify patterns of learning and inequity
Product developers use student data to identify and embed functions and practices that best support learning in product designs
Data-supported evidence of learning patterns and inequities inform product design, instructional practices, policies, and investments


Co-designed teacher reports improve usability, instruction, and engagement of students and families
Access to student and class data enables teachers to offer more **individualized instruction**
Students better understand the relationship between their engagement and learning activities and achievement
Data-informed parent conferences increases **engagement with families**
The ability to individualize instruction suppors more equitable classroom practices that help **all students develop academically**
Using own data to make decisions about engagement and learning activities increases student **agency**
Data-informed engagement with families improves access to and participation in out-of-school practices that support learning
Comprehensive school and system data help school and district leaders to make decisions, policies, and investments that support equitable opportunities and practices
Comprehensive school and system data enable school and district leaders to better understand and support practices and opportunities that support learning for all students
De-identified student data helps researchers and product developers better understand and identify product features, functions, and uses that support equitable opportunities for all students to develop academically
Student engagement, activity, and learning data enable researchers to identify patterns of learning and inequity
Product developers use student data to identify and embed functions and practices that best support learning in product designs
Data-supported evidence of learning patterns and inequities inform product design, instructional practices, policies, and investments
Access to and use of data by education stakeholders, researchers, and product developers support equitable tools, practices, and opportunities for learning that help **all students develop academically**