



# ACTION RESEARCH: EXAMINING THE IMPACT OF RTI AND I&RS PROCEDURES

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# HELP

*center*

**HIGHLANDS EXTENDED LEARNING PROGRAM**

# DEMOGRAPHICS

Grade 09	Grade 10	Grade 11	Grade 12	Total
319	317	316	340	1292

Female	Male	Non-Binary/ Undesignated Gender	Economically Disadvantaged Students	Students with Disabilities	English Learners	Homeless Students	Students in Foster Care	Military- Connected Students	Migrant Students
50.08%	49.8%	≤1%	1.1%	11.8%	0.07%	0%	0%	0%	0%

White*	Hispanic*	Black or African American*	Asian*	Native Hawaiian or Pacific Islander*	American Indian or Alaska Native*	Two or More Races*
81.7%	8.8%	2.7%	17.8%	0.3%	0.9%	2.6%

\*Multiple selections possible. Data accessed from user-entered Genesis upload



# BACKGROUND & CONTEXT:

## NORTHERN HIGHLANDS REGIONAL HIGH SCHOOL

- MEETING THE NEEDS OF DIVERSE LEARNERS
- RESPONSE TO LEARNING LOSS
  - SCIENCE | ALG 1 | GEOM | ALG 2 | ENG 9
- SIGNIFICANT INVESTMENT: INVOICE PT. 1 | PT. 2 | PT. 3

# GOALS OF PROGRAM

INCREASE ACHIEVEMENT

INDIVIDUALIZED INSTRUCTION

FLEXIBILITY/INNOVATION



# TIMELINE

Proposal  
Design  
Quote

MARCH 2022 -  
SEPTEMBER 2022

Implement  
&  
Analyze

SEPTEMBER 2022 -  
JUNE 2023

Reflect

JUNE 2023 -  
ONGOING



# HELP center

HIGHLANDS EXTENDED LEARNING PROGRAM

## LUNCH TUTORING SCHEDULE BY LETTER DAY

**A - MATH & ENGLISH**

**B - SCIENCE**

**C - STUDY SKILLS**

\*There are no tutoring sessions during lunch on D-Days.

\*\*There are no tutoring sessions on Fridays of a double letter week.



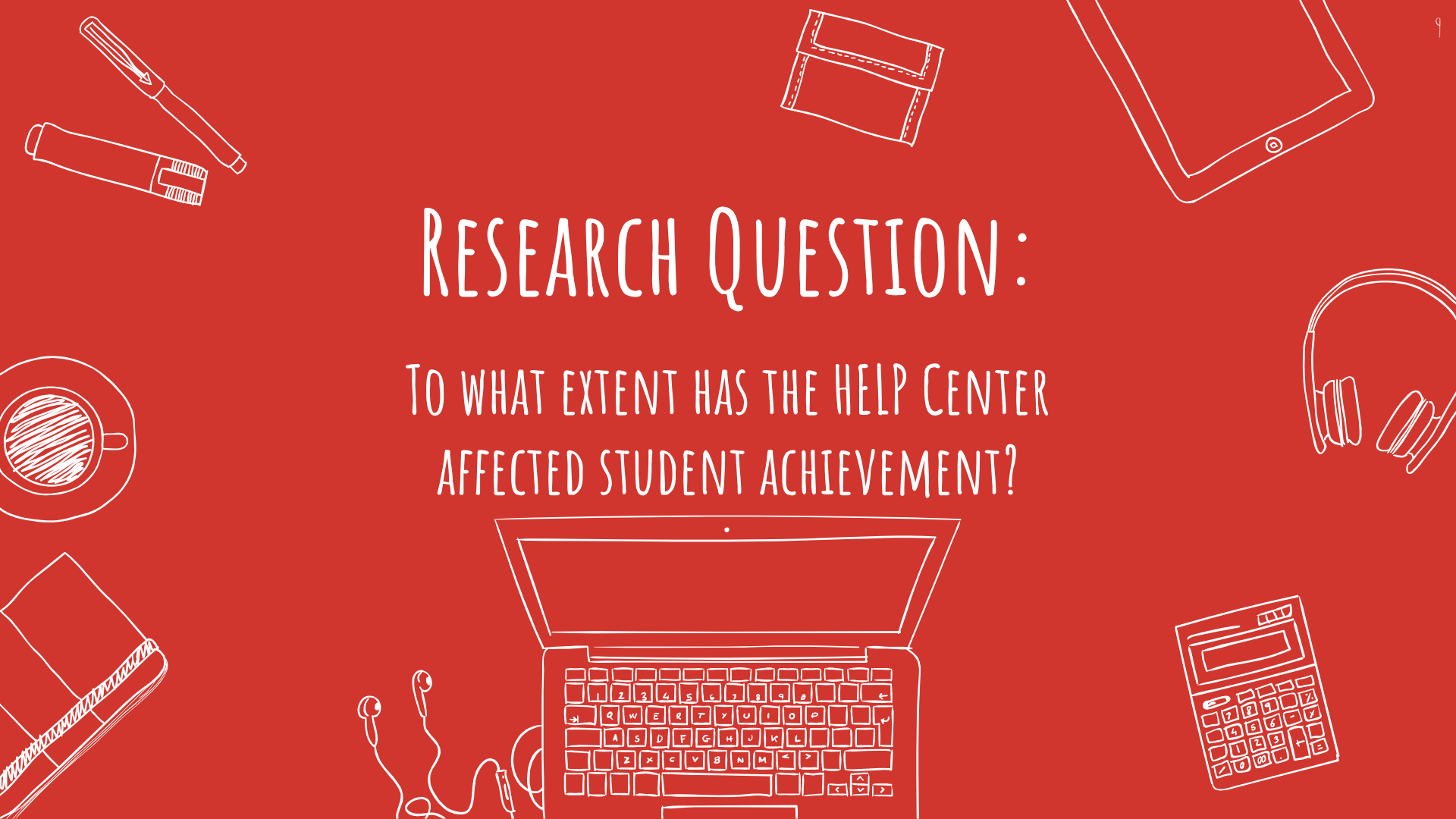
## PURPOSE OF THE STUDY

- EVALUATE THE IMPACT OF THE HIGHLANDS EXTENDED LEARNING PROGRAM (HELP CENTER)
- INFORM FUTURE PEDAGOGY & PROFESSIONAL DEVELOPMENT
- INFORM FUTURE RTI / I&RS PROCEDURES




# RESEARCH QUESTION:

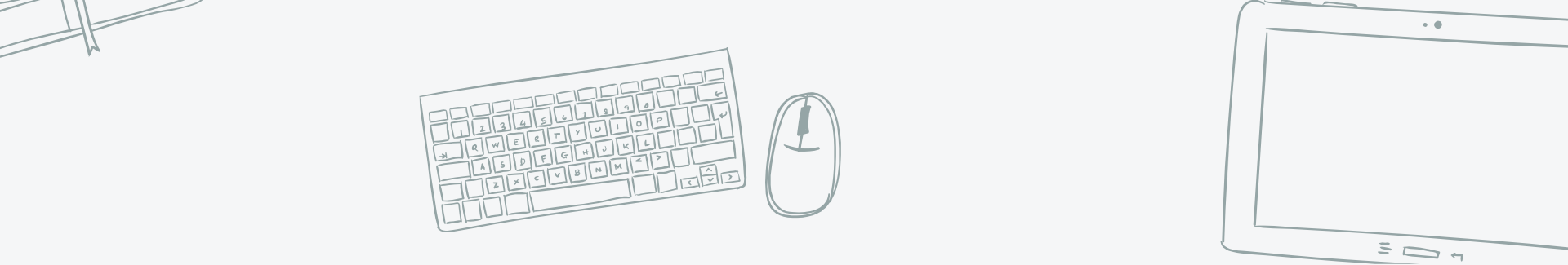

TO WHAT EXTENT HAS THE HELP CENTER  
AFFECTED STUDENT ACHIEVEMENT?



# Triangulation Matrix



RESEARCH QUESTION	DATA SOURCE 1	DATA SOURCE 2	DATA SOURCE 3
TO WHAT EXTENT HAS THE HELP CENTER AFFECTED STUDENT ACHIEVEMENT?	ARCHIVAL DATA	TEACHER SURVEY	ADMINISTRATOR INTERVIEW



# DATA SOURCES & PARTICIPANTS

- Survey: Distributed to all Title 1 Tutors, I&RS Team Members, Guidance Counselors & Administrators
- Archival Data: Standardized Testing Results & Student Quarterly Grades
- Administrator Interview: Director of Curriculum & Instruction



# DATA ANALYSIS

QUALITATIVE DATA

QUANTITATIVE DATA



# TO WHAT EXTENT HAS THE HELP CENTER AFFECTED STUDENT ACHIEVEMENT?

## **Finding:**

57% of Students referred to I&RS saw quantifiable academic improvement in 1 or more course

62% of Students who sought out HELP Center Tutors saw quantifiable academic improvement in 1 or more course

**Data Analysis: Conducted on first semester posted grades. Snapshot of student profile taken on Nov. 1 compared to Jan. 16.**

# TO WHAT EXTENT HAS THE HELP CENTER AFFECTED STUDENT ACHIEVEMENT?

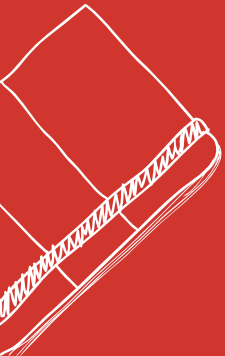
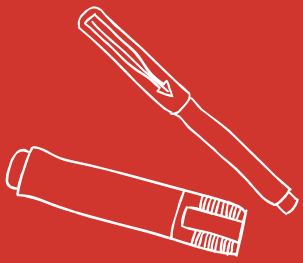
## Findings:

**Admin Quote:** *“Centralizing the location of the tutoring services has increased the use and legitimacy of the program”* – Dr. R. Knutelsky

## Survey Stat:

- 100% of staff surveyed indicated that ‘Students who attend NH HELP Center Sessions benefit academically from the program’.
- However, 87.5% of staff also felt that ‘Students who are referred to the NH HELP Center DO NOT seek assistance on a consistent basis’.

# RECOMMENDATIONS





# 1. INCREASE USAGE OF THE SPACE DURING THE SCHOOL DAY







## 2. PROVIDE PROFESSIONAL DEVELOPMENT FOCUSED ON COLLABORATIVE/ STUDENT-CENTERED PEDAGOGY



### 3. CONTINUE TO ANALYZE DATA TO INFORM FUTURE PRACTICES





# GALLERY



# RESOURCES:

US DEPARTMENT OF STATE. (2018). CHAPTER 5: COLLABORATION. RETRIEVED JANUARY 4, 2019, FROM U.S. DEPARTMENT OF STATE WEBSITE: [HTTP://WWW.STATE.GOV/M/A/OS/43980.HTML](http://www.state.gov/m/a/os/43980.html)

EDUCATION EVOLVING. (2016, MAY 13). OUR WORKING DEFINITION OF STUDENT ACHIEVEMENT AND SCHOOL QUALITY. RETRIEVED NOVEMBER 25, 2018, FROM EDUCATION EVOLVING WEBSITE: [HTTPS://WWW.EDUCATIONEVOLVING.ORG/CONTENT/OUR-WORKING-DEFINITION-OF-STUDENT-ACHIEVEMENT-AND-SCHOOL-QUALITY](https://www.educationevolving.org/content/our-working-definition-of-student-achievement-and-school-quality)