

Statistical Reasoning Curriculum Map

1st Semester

UNIT 1: Categorical Data			UNIT 2: Numerical Data		
Exploring Categorical Data	Comparing Two Proportions	Investigating Independence	Exploring Numerical Data	Comparing 2 means or 2 medians	Exploring Paired Data
2 Weeks	4 Weeks	3 Weeks	4 Weeks	3 Weeks	2 Weeks

STATISTICAL REASONING STANDARDS:

Step One: Formulate Questions

MSRFQ1

MSRFQ2

Step Two: Collect Data

MSRCD1

MSRCD2

MSRCD3

Step Three: Analyze Data

MSRAD1

MSRAD2

MSRAD3

Step Four: Interpret Results

MSRIR2

2nd Semester

UNIT 3: Measure of Variability		UNIT 4: Confidence Intervals	UNIT 5 Bi-Variate Data		UNIT 6 Relationships
Exploring Measures of Variability	Standardized Scores and Normal Distributions	Estimating Ability with Confidence Intervals	Exploring Relationships between numerical var.	Using Relationships to make predictions	Probability & Review
3 Weeks	3 Weeks	3 Weeks	3 Weeks	3 Weeks	3 Weeks