Collection and Analysis of Schoolwide Data
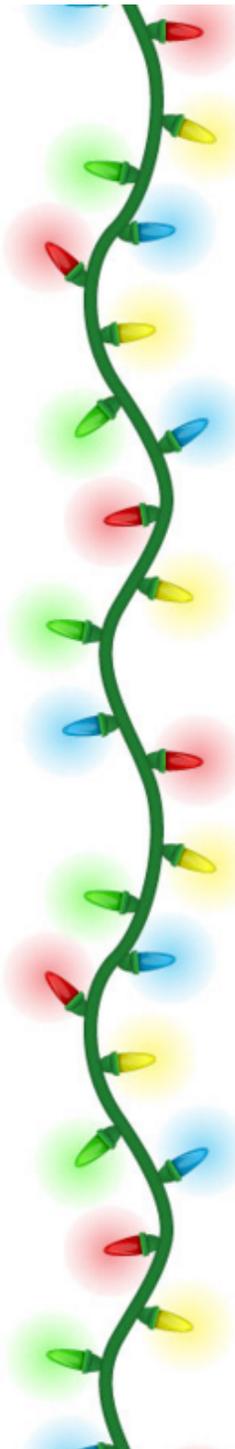# Tech TidBit
November 2015

One responsibility of an Instructional Leadership Team is to use data to make decisions. Technology plays a useful role in the data collection and analysis process. Simple strategies can be utilized to make the collection, reflection, and communication of data more efficient and effective.

Collecting Schoolwide Data

Walkthroughs are used in various ways to collect data. While one building may conduct a walkthrough to check the implementation of an agreed upon strategy or practice, another may use a walkthrough to collect data on student talk vs. teacher talk, and yet another building may check student knowledge of the day's learning focus. Google Forms is a tool that offers efficiency in the collection of walkthrough data. There are various types of responses available when creating a Google Form. A walkthrough form could consist of a list of checkboxes used to select observations of classroom environment, teaching strategies, student engagement, etc. A paragraph type of question can be used to simply ask one question (to students) and record student responses.

Walkthrough Observation Checklist

What grade level are you visiting?

◯ Primary (K-2)

◯ Intermediate (3-5)

What subject is being taught?

[_____]

What part of the lesson are you observing?

◯ Focused Instruction

◯ Guided Instruction

◯ Collaborative

◯ Independent

◯ Transition

◯ other

Before Student Talk: Teacher...

☐ Provides a purpose/question.

☐ Provides think time before sharing.

☐ Reviews student talk expectations.

☐ Ask one or more students to repeat the purpose/question.

☐ Uses content specific vocabulary.

Before Student Talk: Students...
Attention is on the teacher

[_____ ▲▼]

Before Student Talk: One or more students repeat the purpose/question

[_____ ▲▼]

During Student Talk: Students turn to their partner.

[_____ ▲▼]

During Student Talk: Students uses same content vocabulary when discussing ideas.

[_____ ▲▼]

During Student Talk: One student talks at a time per group.

[_____ ▲▼]

During Student Talk: Partners respond to each other (on topic)

[_____ ▲▼]

During Student Talk: Students can compare thoughts

[_____ ▲▼]

During Student Talk: Teacher moves to one or more group.

[_____ ▲▼]

Viewing Data

Once the walkthrough is complete, the raw data can be viewed in a spreadsheet. An overall summary of the data, like the example below, is also available (click on Responses, choose Summary of Responses). This offers a more anonymous view of the data. The data from the Summary of Responses is one way to inform staff of walkthrough results and to invoke data conversations. To get started with Google Forms, visit the Instructional Technology Website.

Summary

What grade level are you visiting?
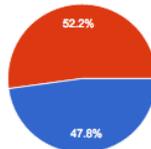
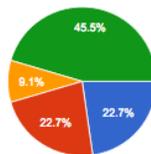|		
Primary (K-2)	11	20.8%
Intermediate (3-5)	12	22.6%

What subject is being taught?

Math
stations wrting, reading and listen center
Writing
math
Word work
writing
Literacy Block
REading

What part of the lesson are you observing?

Focused Instruction	5	9.4%
Guided Instruction	5	9.4%
Collaborative	2	3.8%
Independent	10	18.9%
Transition	0	0%
other	0	0%

Before Student Talk: Teacher...

Provides a purpose/question.	8	100%
Provides think time before sharing.	1	12.5%
Reviews student talk expectations.	2	25%
Ask one or more students to repeat the purpose/question.	0	0%
Uses content specific vocabulary.	2	25%

Reflecting on Data

After sharing walkthrough data with the ILT or the whole staff, reflection and action are necessary. A [Padlet](#) is a great place to get input from staff members. Once set up, the Padlet is a virtual wall that collects thoughts and ideas based on a question you post. The Instructional Technology Team often uses Padlet walls during Building Tech Leader and 1:1 trainings. Many of these teachers are familiar with this tool and could offer assistance with the set-up. For more information on [Padlet, visit our Instructional Technology website](#).

As always, if you have questions about the use and integration of tech tools, contact your Instructional Technology TIL.