2.MD.9

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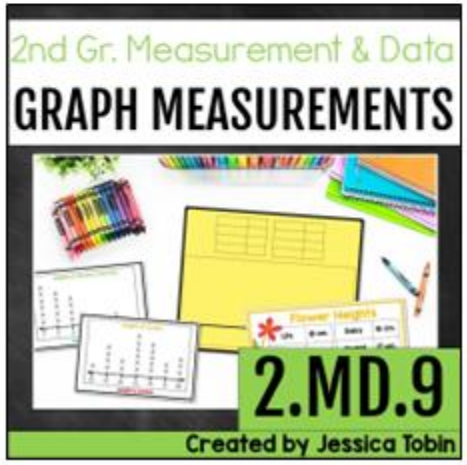
This math unit provides lesson plans and math group resources to use while teaching the standard 2.MD.9, which states that students will be able to...

"Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units."



Using This Unit

Let's look at the structure of this unit.

Pre-Assessment

- A pre-assessment is included that will help give you an idea of where your students are with this specific standard. Give this pre-assessment prior to any lessons on the standard.

Daily Lessons

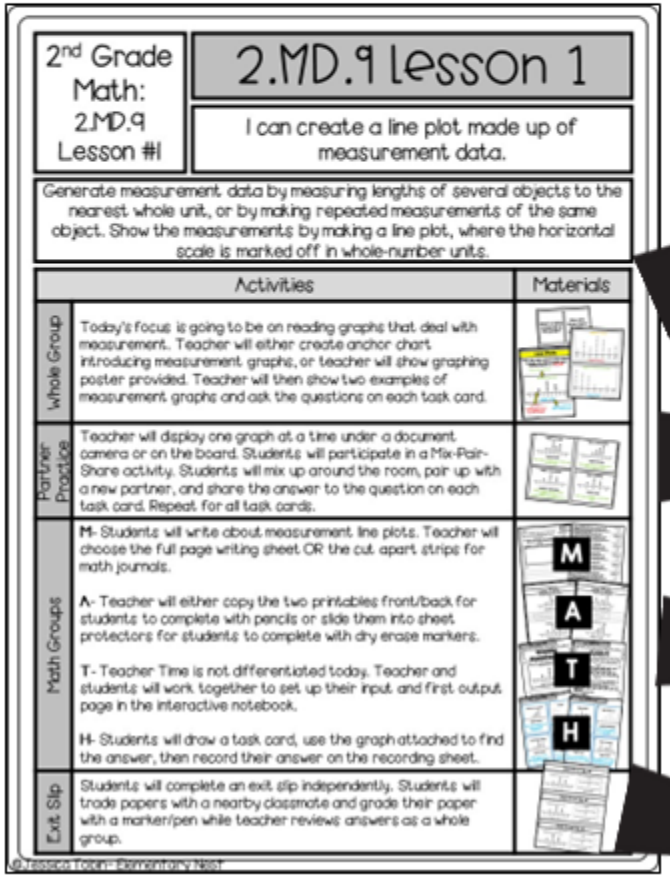
- Whole Group- The whole group lesson will typically involve an anchor chart or poster to discuss. This should take about five minutes to complete.
- Partner Practice- The whole group activity will be followed up with a partner practice activity. It will build on the knowledge the students learned or reviewed in the whole group lesson. This should take between 5-10 minutes.
- MATH Groups- There are four break-apart groups to do each day. Each rotation can last between 10-15 minutes depending on how long you get for your math block.
  - *Math Writing*- 2 writing options are given each day (one full sized page OR a cut and glue strip for a math journal)
  - *Apply Skills*- You will find a variety of practice resources here, such as printables, interactive notebooks, or partner activities.
  - *Teacher Time*- Small group differentiation can happen here. Most days will include a 'Remediation' activity, an 'On-Level' activity, and an 'Enrichment' activity.
  - *Hands-on Practice*- These centers will give your students chances to get practice with manipulatives and other engaging activities.
- Exit Slip- Every single day will come with an exit slip for students to show what they learned that day. Teacher will cut apart the three strips.

Assessment

- This is to be completed after all lessons and math groups are taught.

Daily Lesson Plans

Each standards-based math unit comes with daily lessons. Some are 3 days, while others may be 5+ days, depending on how complex the standard is. There are 4 main components of each daily lesson.



2nd Grade Math: 2.MD.9 Lesson #1

2.MD.9 Lesson 1

I can create a line plot made up of measurement data.

Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.

	Activities	Materials
Whole Group	Today's focus is going to be on reading graphs that deal with measurement. Teacher will either create anchor chart introducing measurement graphs, or teacher will show graphing poster provided. Teacher will then show two examples of measurement graphs and ask the questions on each task card.	
Partner Practice	Teacher will display one graph at a time under a document camera or on the board. Students will participate in a Mix-Pair-Share activity. Students will mix up around the room, pair up with a new partner, and share the answer to the question on each task card. Repeat for all task cards.	
Math Groups	M- Students will write about measurement line plots. Teacher will choose the full page writing sheet OR the cut apart strips for math journals. A- Teacher will either copy the two printables front/back for students to complete with pencils or slide them into sheet protectors for students to complete with dry erase markers. T- Teacher Time is not differentiated today. Teacher and students will work together to set up their input and first output page in the interactive notebook. H- Students will draw a task card, use the graph attached to find the answer, then record their answer on the recording sheet.	M A T H
Exit Slip	Students will complete an exit slip independently. Students will trade papers with a nearby classmate and grade their paper with a marker/pen while teacher reviews answers as a whole group.	

Whole group activity: This activity will typically include an anchor chart mini poster, plus some sort of teacher modeling activity.

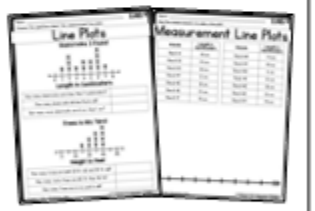
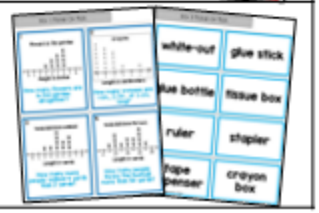
Partner practice: This will be a hands-on partner activity following the whole-group.

M.A.T.H. groups: (Explained in depth on next page) There are four groups/centers.

Exit slip: There are 3 exit slips to a page to cut out and administer for student learning.

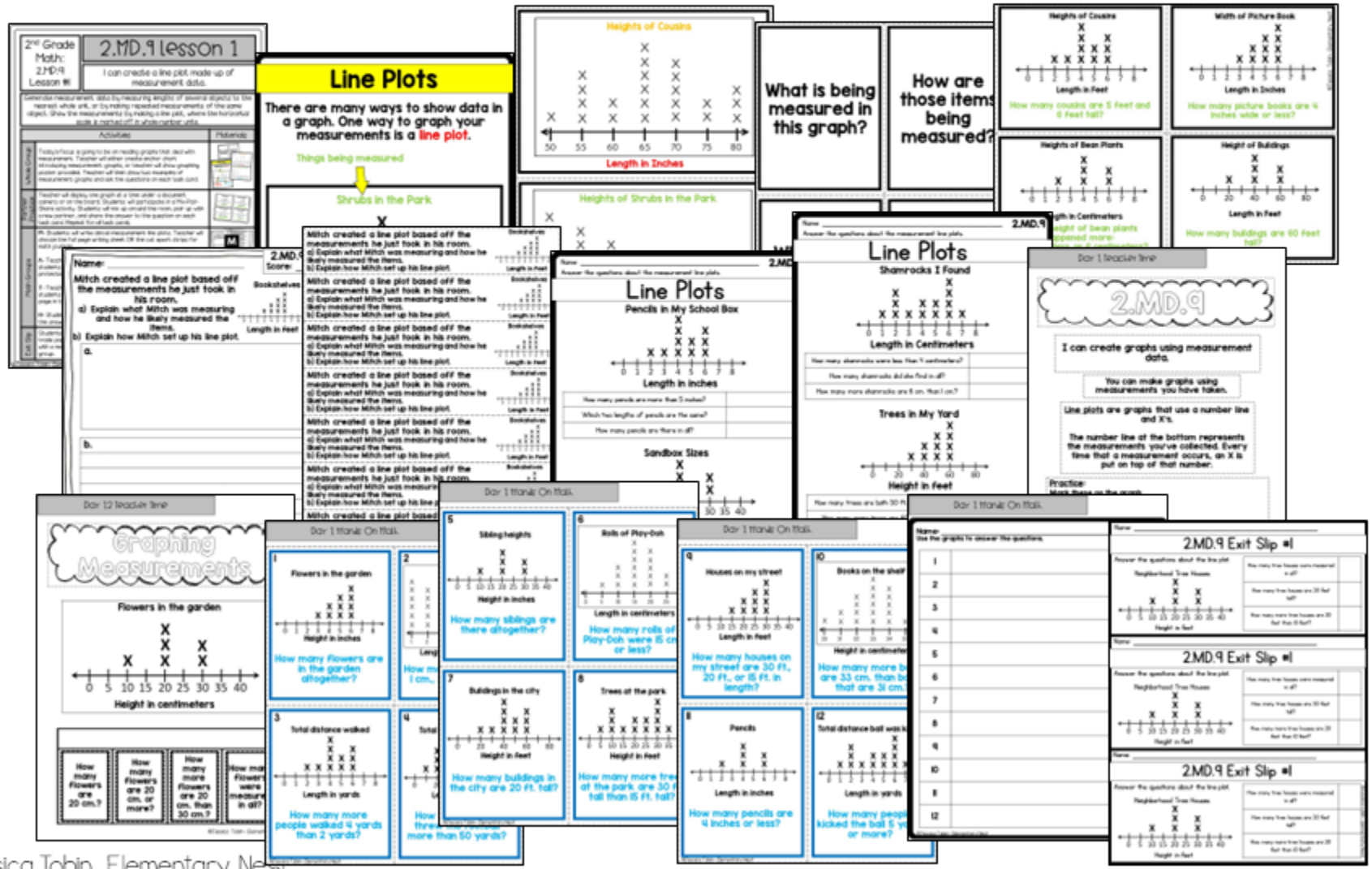
M.A.T.H. Groups

Each day comes with four group activity suggestions and materials for 'M.A.T.H.' groups. This is your small group time, splitting the class up into four groups to rotate around the room, participating in different activities for 10-20 minutes a piece.

M	Math Writing	2 options... worksheet or cut/glue notebook strips	
A	Apply New Skills	Worksheet or interactive notebook activities to apply the skill learned in whole group	
T	Teacher Time	Differentiated time for 3 levels (remediation, on-level, enrichment)	
H	Hands-On Math	Engaging center to follow up on the whole group/partner practice	

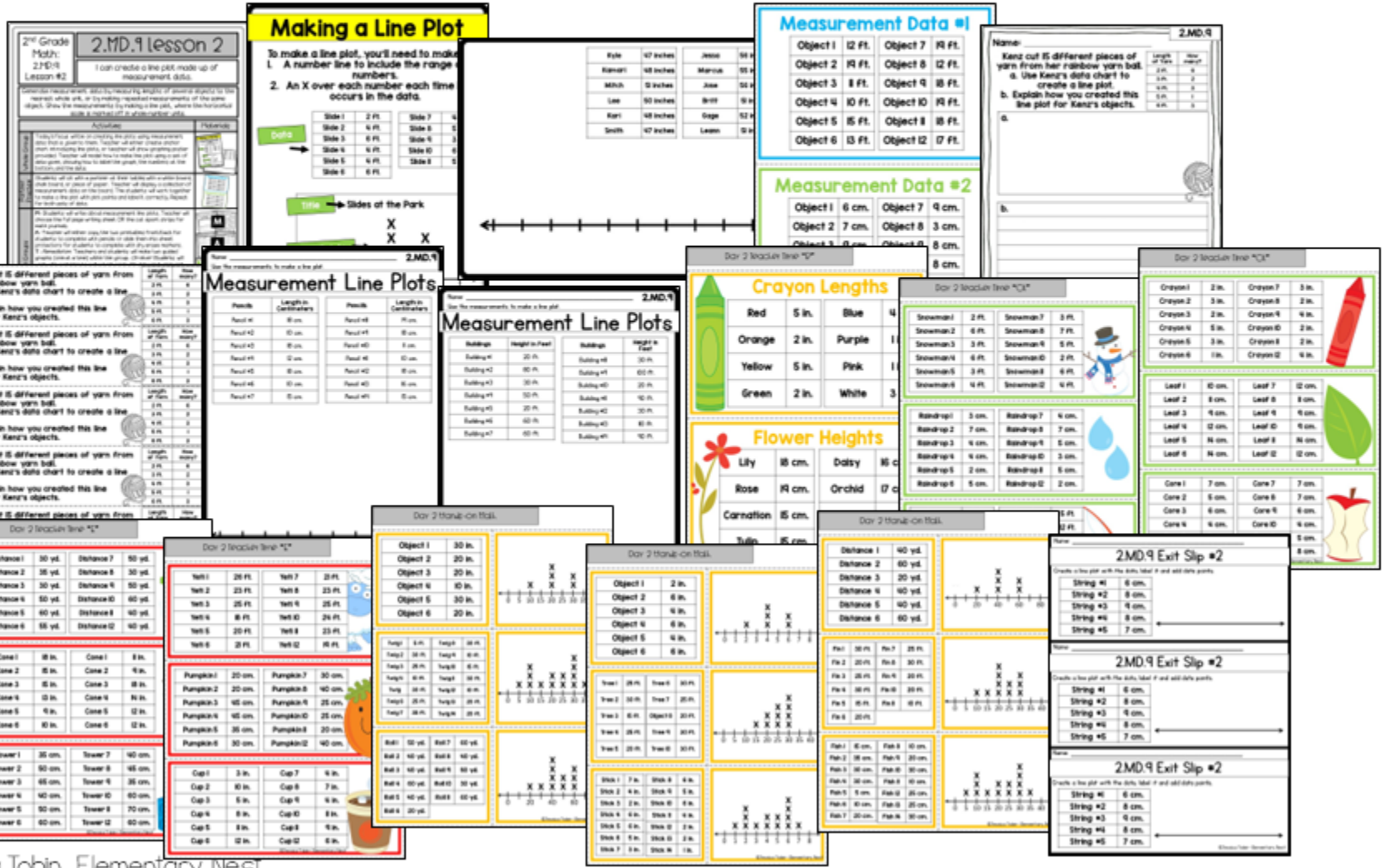
Day 1 Activities

Here's a look at day 1's whole group, partner practice, MATH group activities, and exit slip.



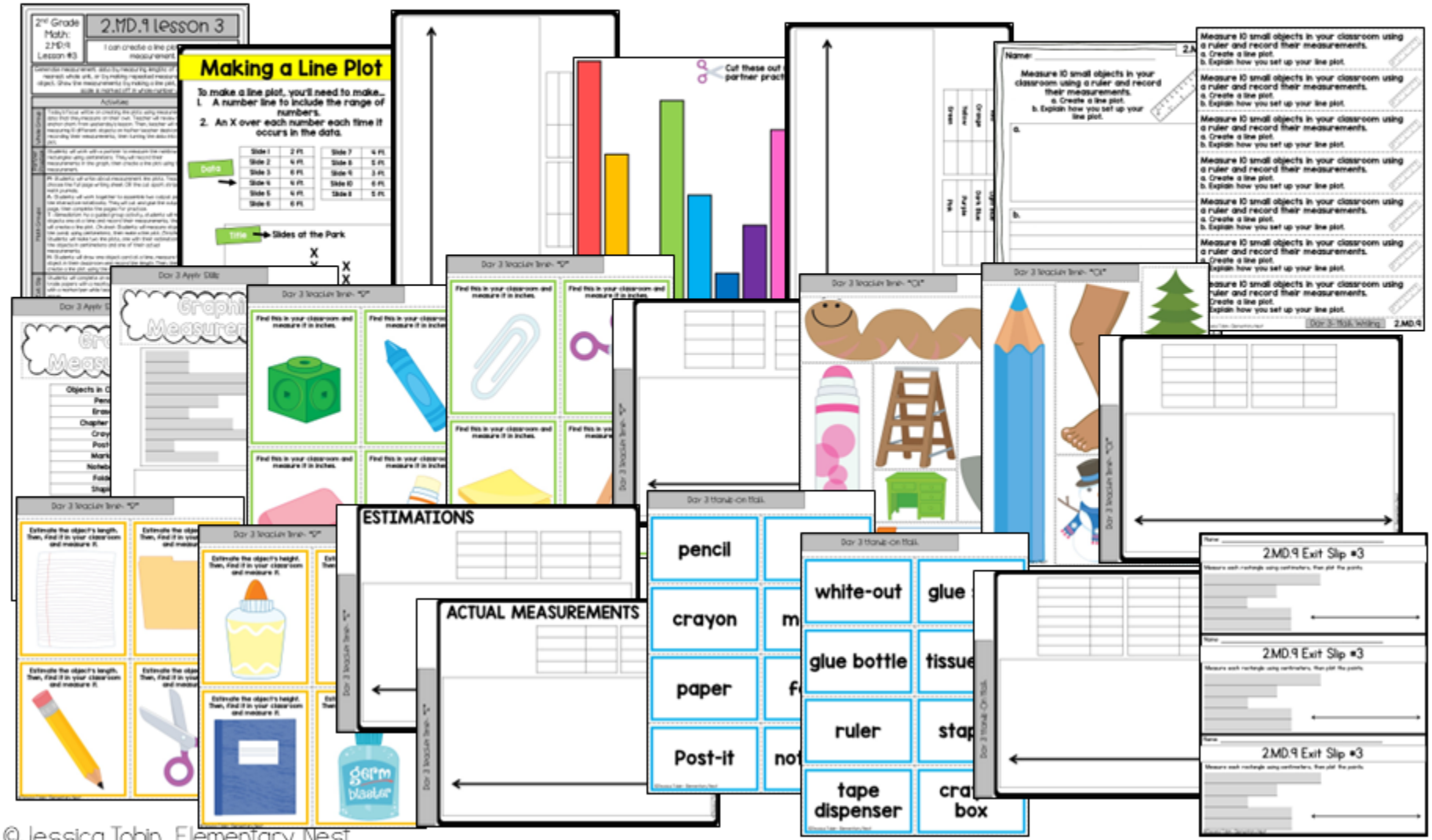
Day 2 Activities

Here's a look at day 2's whole group, partner practice, MATH group activities, and exit slip.



Day 3 Activities

Here's a look at day 3's whole group, partner practice, MATH group activities, and exit slip.



Assessments

Each unit comes with a pre-assessment to give to students before you teach the standard. This will come before any introduction to the standard. There is also an assessment to give after your unit is complete.