



- √ 10/05: Overview & Implementation
- √ 10/19: Partner Reading with Retell
- 11/02: Paragraph Shrinking & Prediction Relay
- 11/16: Put it all together, Booster session
- 11/30: TBD

Each session includes review and Q&A from the previous session. You are encouraged to try the strategies presented between each webinar.

# Acknowledgements S

- This presentation is based on material covered in Peer Assisted Learning Strategies: Reading Methods for Grades 2-6 2008 Revised Edition by Douglas Fuchs, Lynn S. Fuchs, Deborah Simmons, & Patricia Mathes
- Contributors to the presentation include Kristin Taylor, Devin Kearns, Loulee Yen, Kristen McMaster, and Laura Saenz



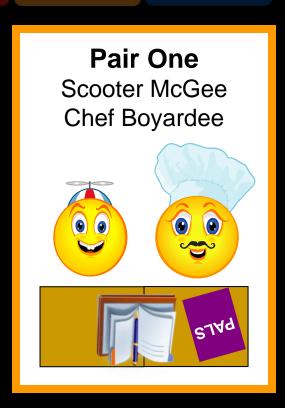
- Today you will learn to:
  - Implement Paragraph Shrinking with correction procedures
  - Implement Prediction Relay



### REVIEW FROM WEBINAR 2 & QUESTIONS

### Review: Partner Reading

- Purpose
  - Fluency practice
- Organization
  - Students sit in pairs
  - They share one copy of the book



### Review: Partner Reading S

- First Reader reads for 5 minutes
- Second Reader acts as Coach
  - Listens and helps with mistakes and hard words (uses procedure)
  - Marks one point for each sentence
- They switch roles and repeat
  - Second Reader reads the same text

## Review: Partner Reading Correction

### Correction Card

How to give help to the READER

When the Reader makes a mistake or is stuck on a word for 4 seconds:

Coach: "Check it."



Reader: "I need some help."

**Coach:** "That word is \_\_\_\_.

What word?"

Reader: Says the word

correctly.

Coach: "Good. Read the

sentence again."

**Reader:** Re-reads the sentence.

3

Reader: Says the word

correctly.

Coach: "Good. Read the

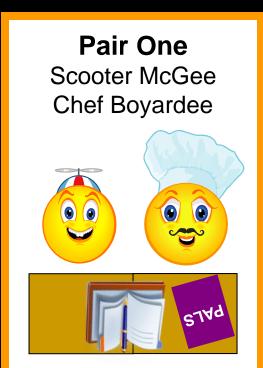
sentence again."

Reader: Re-reads the

sentence.



- Purpose
  - Builds comprehension
  - Particularly, retelling events in sequence
- Organization
  - Students continue to sit in pairs
  - The second reader has the book



### Review: Retell Procedure

#### Find the Question Card

- Retell lasts 2 minutes
- Second Reader can look back at text during Retell

#### Meddell

#### 2nd Reader retells. First Reader asks:

- 1. What happened first?
- 2. What happened next?
- 3. Continue asking what happened next.

Did you earn all 10 points?

### Review: Retell Correction

- First Reader tells the Second Reader what happened next
- The Second Reader continues on

# Questions about Partner Reading with Retell

- I am interested in how to prompt students.
  - Make sure that all pairs
    have a "Question Card" to
    remind them what to say.
    All prompts are also
    introduced and covered in
    detail in the manual. It is
    important to teach students
    the prompts and make sure
    they use them with fidelity!

#### Question Card

DATEGIATE REPAIRED

1st Reader reads. 2nd Reader is Coach.

2nd Reader reads. 1st Reader is Coach. Begin reading where 1st Reader started.

> 1 point for each sentence

#### 1:33 By E BY CL

2nd Reader retells, First Reader asks:

- 1. What happened first?
- 2. What happened next?
- 3. Continue asking what happened next.

Did you earn all 10 points?

# Questions about Partner Reading with Retell

- I'm a little concerned with teachers monitoring a whole group to ensure they are retelling and doing other things correctly.
  - Consider keeping a checklist of all pairs. Carry it with you on a clipboard each day. Flag the students you are most concerned about, and be sure to spend time observing them. Check off the pairs' names as you go. Over the course of a week, you should have a chance to observe most, if not all, pairs.

## General Questions about PALS

- I am a Title1/ Reading teacher, and I work with small groups of 4-5. Is this more of a whole class intervention than a tier 2 intervention?
  - PALS was designed to be a general education classwide peer tutoring program, and relies heavily on the heterogeneity of peers in a classroom. If you are working with students identified as in need of Tier 2 intervention, they might need more intensive instruction.



### PARAGRAPH SHRINKING

### Training Students

	12-DAY TRAINING SEQUENCE		
	<b>Day 1</b> Learning About PALS	Day 2 Introduction to Partner Reading	<b>Day 3</b> Partner Reading Practice
Week 1	Introduction to PALS     PALS Jobs: Coach & Reader     Working in Pairs     Teams & Team Points     Moving (Optional)	<ul> <li>PALS Rules</li> <li>How to Set Up PALS Materials</li> <li>Partner Reading Procedures</li> <li>Partner Practice: Partner Reading (without Correction Procedures)</li> </ul>	<ul> <li>Correction Procedures</li> <li>Earning &amp; Recording Points</li> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Report Points (Week 1 Winning Team)</li> </ul>
	Day 4 Introduction to Retell	Day 5 Partner Reading & Retell Practice	<b>Day 6</b> Introduction to Paragraph Shrinking
Week 2	<ul> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Retell Procedures</li> <li>Earning Points</li> <li>Whole Class Practice: Retell</li> </ul>	Review: Retell     Partner Practice: Partner Reading & Retell	<ul> <li>Review: Partner Reading &amp; Retell</li> <li>Paragraph Shrinking Procedures</li> <li>Report Points (Week 2 Winning Team)</li> </ul>
	<b>Day 7</b> Paragraph Shrinking Practice	Day 8 Partner Reading, Retell & Paragraph Shrinking Practice	Day 9 Paragraph Shrinking Helping
Week 3			
Week 3	Paragraph Shrinking Practice  Review: Paragraph Shrinking Identifying Paragraphs (Optional) Short Paragraphs Earning Points Whole Class Practice: Paragraph	Partner Reading, Retell & Paragraph Shrinking Practice Review: Paragraph Shrinking Paragraph Shrinking Helping	<ul> <li>Paragraph Shrinking Helping</li> <li>Partner Practice: Partner Reading, Retell, and Paragraph Shrinking</li> </ul>

## Day 6: Introduction to Paragraph Shrinking

- Purpose
  - Build key comprehension skill: Summarizing
- Organization
  - Students still work in pairs
  - They stop after each paragraph
  - Each student reads and shrinks for 5 minutes

## Paragraph Shrinking Procedure

#### Look at the Question Card

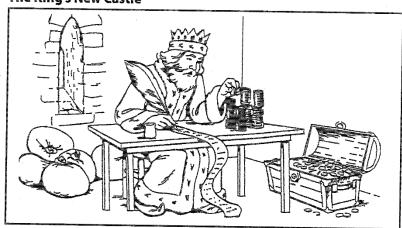
- Readers read for 5 minutes
- The Coach says:
  - "Name the most important who or what."
  - "Tell the most important thing about the who or what."
  - "Say the main idea in 10 words or less."

### Paragraph Shrinking Practice

See script on pp. 62-64

#### D. Paragraph Shrinking Practice The King's New Castle





King Damien had decided it was time to buy a new castle. He lived in the coldest part of his kingdom, and he was tired of cold weather. He wanted to buy a new castle where it was warmer. King Damien knew that it would cost a lot of money to buy a new castle. He needed to make sure that he had enough money. So, King Damien started the long task of counting his coins. He had his servants bring in every treasure chest of coins they could find in the castle. Since he was very rich, there were many coins to be counted. King Damien opened each treasure chest and carefully counted the coins one-by-one. As he counted, he recorded how many coins he had. He counted for many hours. When he finally counted the last coin, he happily discovered that he had enough money to buy the new castle. He fell asleep that night dreaming of his new, warm castle.

The most important

who or what:

The most important thing about who or what:

King Damien

counted his coins to make sure he had enough money to buy a new castle.

Main idea statement (10 words or less):

king Damien counted enough money to buy a new castle.

### Partner Reading Correction

### Correction Card

#### How to give help to the RHADER

When the Reader makes a mistake or is stuck on a word for 4 seconds:

Coach: "Check it."



Reader: "I need some help."

**Coach:** "That word is \_\_\_\_.

What word?"

Reader: Says the word

correctly.

Coach: "Good. Read the

sentence again."

**Reader:** Re-reads the sentence.

Reader: Says the word

correctly.

Coach: "Good. Read the

sentence again."

Reader: Re-reads the

sentence.

# Additional Paragraph Shrinking Information

- 5
- The who or what only counts as 1 word
  - Students can use up to 9 more words to create the main idea statement
- Coach still corrects word reading errors
  - No points for reading sentences

### Training Students

	12-DAY TRAINING SEQUENCE		
	Day 1 Learning About PALS	<b>Day 2</b> Introduction to Partner Reading	<b>Day 3</b> Partner Reading Practice
Week 1	<ul> <li>Introduction to PALS</li> <li>PALS Jobs: Coach &amp; Reader</li> <li>Working in Pairs</li> <li>Teams &amp; Team Points</li> <li>Moving (Optional)</li> </ul>	<ul> <li>PALS Rules</li> <li>How to Set Up PALS Materials</li> <li>Partner Reading Procedures</li> <li>Partner Practice: Partner Reading (without Correction Procedures)</li> </ul>	<ul> <li>Correction Procedures</li> <li>Earning &amp; Recording Points</li> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Report Points (Week 1 Winning Team)</li> </ul>
	Day 4 Introduction to Retell	<b>Day 5</b> Partner Reading & Retell Practice	<b>Day 6</b> Introduction to Paragraph Shrinking
Week 2	<ul> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Retell Procedures</li> <li>Earning Points</li> <li>Whole Class Practice: Retell</li> </ul>	Review: Retell     Partner Practice: Partner Reading & Retell	<ul> <li>Review: Partner Reading &amp; Retell</li> <li>Paragraph Shrinking Procedures</li> <li>Report Points (Week 2 Winning Team)</li> </ul>
	<b>Day 7</b> Paragraph Shrinking Practice	<b>Day 8</b> Partner Reading, Retell & Paragraph Shrinking Practice	Day 9 Paragraph Shrinking Helping
Week 3			
Week 3	<ul> <li>Review: Paragraph Shrinking</li> <li>Identifying Paragraphs (Optional)</li> <li>Short Paragraphs</li> <li>Earning Points</li> <li>Whole Class Practice: Paragraph</li> </ul>	Partner Reading, Retell & Paragraph Shrinking Practice Review: Paragraph Shrinking Paragraph Shrinking Helping	<ul> <li>Paragraph Shrinking Helping</li> <li>Partner Practice: Partner Reading, Retell, and Paragraph Shrinking</li> </ul>

## Day 7: Short Paragraph and Points

- Short paragraphs
  - Often happen with dialogue
  - Combine 2-3 paragraphs before shrinking
  - Coach decides how much to read
- Points
  - One point for each of the 3 statements
  - No more points for sentences read correctly

### Day 7: Short Paragraph and Points

Script pp. 75-76

#### **Forgetful Faye**

In Faye's house, everyone remembered things... everyone except Faye. Faye's mother remembered where she put things. Faye's father remembered how to fix things. Even Faye's little sister remembered things better than Faye did. Faye had trouble remembering even the smallest things. If her mother asked her to go to the store to get milk, Faye would bring home bread. If her father asked her to feed the dog, Faye would give a saucer of milk to the cat. Faye had trouble remembering anything.

One day, Faye decided to take tumbling lessons with her best friend. As the time for her first lesson drew near, Faye began to worry. What if she forgot her workout bag? What if she forgot her tumbling mat? What if she forgot where to go? Faye asked her family to help her.

"Tie a ribbon around your finger to help you remember," suggested her mother.

"Put your tumbling things in a bag and place the bag by the door," said her father.

"Write a note to remind yourself where the class is," offered her sister.

On the first day of tumbling class, the ribbon tied around Faye's finger reminded her to pack her tumbling bag and place it by the door. Faye also saw the note stuck on her mirror to help her remember where the class was. She made it to class, and everything went very well.

At home, Faye thanked her family for their help by showing them what she had learned in class that day. She did forward flips, cartwheels, and handstands. Faye and her family were so proud. Faye had remembered everything.

### Training Students

	12-DAY TRAINING SEQUENCE		
	Day 1 Learning About PALS	Day 2 Introduction to Partner Reading	<b>Day 3</b> Partner Reading Practice
Week 1	<ul> <li>Introduction to PALS</li> <li>PALS Jobs: Coach &amp; Reader</li> <li>Working in Pairs</li> <li>Teams &amp; Team Points</li> <li>Moving (Optional)</li> </ul>	<ul> <li>PALS Rules</li> <li>How to Set Up PALS Materials</li> <li>Partner Reading Procedures</li> <li>Partner Practice: Partner Reading (without Correction Procedures)</li> </ul>	<ul> <li>Correction Procedures</li> <li>Earning &amp; Recording Points</li> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Report Points (Week 1 Winning Team)</li> </ul>
Week 2	Day 4 Introduction to Retell  Partner Practice: Partner Reading (with Correction Procedures) Retell Procedures Earning Points Whole Class Practice: Retell	Day 5 Partner Reading & Retell Practice Review: Retell Partner Practice: Partner Reading & Retell	Day 6 Introduction to Paragraph Shrinking Review: Partner Reading & Retell Paragraph Shrinking Procedures Report Points (Week 2 Winning Team)
	<b>Day 7</b> Paragraph Shrinking Practice	<b>Day 8</b> Partner Reading, Retell & Paragraph Shrinking Practice	<b>Day 9</b> Paragraph Shrinking Helping
Week 3		Partner Reading, Retell &	
Week 3	<ul> <li>Paragraph Shrinking Practice</li> <li>Review: Paragraph Shrinking</li> <li>Identifying Paragraphs (Optional)</li> <li>Short Paragraphs</li> <li>Earning Points</li> <li>Whole Class Practice: Paragraph</li> </ul>	Partner Reading, Retell & Paragraph Shrinking Practice Review: Paragraph Shrinking Paragraph Shrinking Helping	<ul> <li>Paragraph Shrinking Helping</li> <li>Partner Practice: Partner Reading, Retell, and Paragraph Shrinking</li> </ul>

Report Points (Week 4 Winning Team)

## Day 8: Paragraph Shrinking Correction

#### How to give Paragraph Shrinking help

If the Reader says the wrong answer:

Coach: "Check it!"

"Let me give you a hint..."

"The answer is ."

If the Reader says the main idea in more than 10 words:

Coach: "Shrink it!"

Flumbra had not cooked a hot meal for a hundred years. Giants rarely do any cooking at all. But after cleaning out her cave, Flumbra felt terribly hungry.

So she puffed at the old coals or began to glow, and soon flames lick stew boiled and bubbled, great pillated what. As the wed out of Flumbra's cave. Soot and ashes rained down on the valleys and sent the sheep scuttling home with blackened faces.

"The volcano is erupting!" shouted the terrified people.

			1								
	_		2	4	2	0	1	0	9	10	
	7	7.2	7.3	24	7.3	20	77	2.0			
Ì	41	42	43	44	45	46	47	48	49	50	5
	61	62	63	64	65	66	67	68	69	70	7

Flumbra had not cooked a hot meal for a hundred years. Giants rarely do any cooking at all. But after cleaning out her cave, Flumbra felt terribly hungry.

So she puffed at the old coals or began to glow, and soon flames lick important thing about the stew boiled and bubbled, great pilla the who or what. Out of Flumbra's cave. Soot and ashes rained down on the valleys and sent the sheep scuttling home with blackened faces.

"The volcano is erupting!" shouted the terrified people.

		1								
		2	4	2	0	1	0	9	10	
71	7.4	7.3	24	7.3	20	77	7.0			
	42	43	44	45	46	47	48	49	50	5
61	62	63	64	65	66	67	68	69	70	7

Flumbra had not cooked a hot meal for a hundred years. Giants rarely do any cooking at all. But after cleaning out her cave, Flumbra felt terribly hungry.

So she puffed at the old coals or began to glow, and soon flames lick stew boiled and bubbled, great pilla of Flumbra's cave. Soot and ashes rained down on the valleys and sent the sheep scuttling home with blackened faces.

"The volcano is erupting!" shouted the terrified people.

		1								
			4	2	0	1	0	9	10	
7	7.4	7.3	4					75	7.0	7
	1	43	44	45	46	47	48	49	50	5
61	62	63	64	65	66	67	68	69	70	7

Flumbra had not cooked a hot meal for a hundred years. Giants rarely do any cooking at all. But after cleaning out her cave, Flumbra felt terribly hungry.

So she puffed at the old coals on the hearth until they began to glow, and soon flames licked the cauldron. As the stew boiled and bubbled, great pillars of steam billowed out of Flumbra's cave. Soot and ashes rained down on the valleys and sent the sheep scuttling home with blackened faces.

Technique of the terrified people.

Check it.

Brian Pilkington

from.

by Guar

		1	4	3	0		d	9	10	
7	7.4	7.3	4	7.3	70	7.1	7.0	75	ZU	7
	į	Č.	44	45	46	47	48	49	50	5
61	62	63	64	65	66	67	68	69	70	7

Flumbra had not cooked a hot meal for a hundred years. Giants rarely do any cooking at all. But after cleaning out her cave, Flumbra felt terribly hungry.

So she puffed at the old coals on the hearth until they began to glow, and soon flames licked the cauldron. As the stew boiled and bubbled, great pillars of steam billowed out of Flumbra's cave. Soot and ashes rained down on the valleys and sent the sheep scuttling home with blackened faces.

Tell the most important thing about the who or what.

Brian Pilkington

from

by G

ng!" shouted the terrified people.

_		3	4	3	ø	1	O.	9	10	
7	7.4	7.3	24	7.3	20	77	7.0	75	20	7
	į	43	14	45	46	47	48	49	50	5
61	62	63	64	65	66	67	68	69	70	7

Flumbra had not cooked a hot meal for a hundred years. Giants rarely do any cooking at all. But after cleaning out her cave, Flumbra felt terribly hungry.

So she puffed at the old coals on the hearth until they began to glow, and soon flames licked the cauldron. As the stew boiled and bubbled, great pillars of steam billowed out of Flumbra's cave. Soot and ashes rained down on the valleys and sent the sheep scuttling home with blackened faces.

Say the main idea in ten words or less.

Brian Pilkington

from by G

ng!" shouted the terrified people.

		•		_						
		3	4	3	ø	1	O.	9	10	
71	7.4	7.3	24	2.3	20	77	7.0	75	7,0	7
	12	43	14	23	46	47	48	49	50	5
61	62	63	64	65	66	67	68	69	70	7

### Paragraph Shrinking Quiz S

- Who decides when to stop?
- How does the Coach know when to stop if the paragraphs are really short?
- What happens if the Reader is wrong?
- What happens if the Reader is wrong two times?
- How are points awarded?

### Training Students

•	12-DAY TRAINING SEQUENCE	4	
	Day 1 Learning About PALS	<b>Day 2</b> Introduction to Partner Reading	<b>Day 3</b> Partner Reading Practice
Week 1	<ul> <li>Introduction to PALS</li> <li>PALS Jobs: Coach &amp; Reader</li> <li>Working in Pairs</li> <li>Teams &amp; Team Points</li> <li>Moving (Optional)</li> </ul>	<ul> <li>PALS Rules</li> <li>How to Set Up PALS Materials</li> <li>Partner Reading Procedures</li> <li>Partner Practice: Partner Reading (without Correction Procedures)</li> </ul>	<ul> <li>Correction Procedures</li> <li>Earning &amp; Recording Points</li> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Report Points (Week 1 Winning Team)</li> </ul>
	Day 4 Introduction to Retell	Day 5 Partner Reading & Retell Practice	<b>Day 6</b> Introduction to Paragraph Shrinking
Week 2	<ul> <li>Partner Practice: Partner Reading (with Correction Procedures)</li> <li>Retell Procedures</li> <li>Earning Points</li> <li>Whole Class Practice: Retell</li> </ul>	Review: Retell     Partner Practice: Partner Reading & Retell	<ul> <li>Review: Partner Reading &amp; Retell</li> <li>Paragraph Shrinking Procedures</li> <li>Report Points (Week 2 Winning Team)</li> </ul>
- 10	<b>Day 7</b> Paragraph Shrinking Practice	Day 8 Partner Reading, Retell & Paragraph Shrinking Practice	Day 9 Paragraph Shrinking Helping
Week 3	<ul> <li>Review: Paragraph Shrinking</li> <li>Identifying Paragraphs (Optional)</li> <li>Short Paragraphs</li> <li>Earning Points</li> <li>Whole Class Practice: Paragraph Shrinking</li> </ul>	<ul> <li>Review: Paragraph Shrinking</li> <li>Paragraph Shrinking Helping</li> <li>Partner Practice: Paragraph Shrinking</li> </ul>	<ul> <li>Partner Practice: Partner Reading, Retell, and Paragraph Shrinking</li> <li>Report Points (Week 3 Winning Team)</li> </ul>
	Day 10	Day 11	Day 12
Week 4	<ul> <li>Introduction to Prediction Relay</li> <li>Prediction Relay Procedures</li> <li>Reasonable Predictions</li> <li>Whole Class Practice: Prediction Relay</li> </ul>	Review: Prediction Relay     Earning Points     Partner Practice: Prediction Relay	Practice Partner Reading, Retell,     Pracgraph Shrinking, and Prediction     Relay     PALS Training Completion Certificates

· Report Points (Week 4 Winning Team)



- Purpose
  - Practice comprehension skill of predicting
  - Practice critical thinking
- Organization
  - Students remain in pairs
  - Each student reads and predicts for 5 minutes

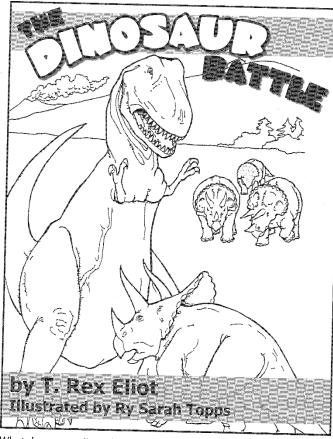
### Prediction Relay Procedure

- Readers read ½ page at a time.
- Coaches say
  - "What do you predict will happen next?"
  - "Read half a page."
  - "Did your prediction come true?"
- The Reader says
  - "Yes," "No," or "I don't know yet."

#### Making Reasonable Predictions

**G. Prediction Relay Practice** 





What do you predict will happen next in the picture above?

Possible answers: (a) The triceratops jabs the Tyrannosaurus with his horns. (b) The 3 Triceratops join the fourth Triceratops in fighting the Tyrannosaurus.

Did your prediction come true? yes/no (depending on prediction)

village the results of the results o

il dark. Then off she lumbered to see her giant. She had to move quickly and get to his cave before sunrise or else she would turn to stone.

Fortunately, it was winter-time, when short and night wonderfully long. Sweating the galloped across mountains and more giant. Lazy though he was, the minute higher couldn't help but be head-over-heels in love with her, too.





- How much text is read each time?
- What are the three prompts?
- What are the three things the Reader can say in answer to "Did your prediction come true?"
- How are points awarded?

## PALS Review | S

### Question Card

#### क्रिक्रिक्रिक्ष हेर्डिक्ष मिलेस्ट्रिक्

1st Reader reads. 2nd Reader is Coach.

2nd Reader reads. 1st Reader is Coach. ■ Begin reading where 1st Reader started.

5 min

5 min

1 point for each sentence

Did you

earn all

10 points?

#### TELEPTOR PROPERTY

#### 2nd Reader retells, First Reader asks:

- 1. What happened first?
- 2. What happened next?
- 3. Continue asking what happened next.

2 min

## PALS Review | S

#### BARAGRAPH STRUNGOONG

#### 1st Reader reads. Coach says:

- 1. Name the most important who or what.
- 2. Tell the most important thing about the who or what.
- 3. Say the main idea in 10 words or less.

#### 2nd Reader reads. Coach says:

- 1. Name the most important who or what.
- 2. Tell the most important thing about the who or what.
- 3. Say the main idea in 10 words or less.

1 point for each step

1 point

for each step

#### THEIST MOTHER TOTAL STREET

#### Coach asks 1st Reader:

- 1. What do you predict will happen next?
- 2. Read half a page.
- 3. Did the prediction come true?

1 point for predicting 1 point for reading 1 point for checking

#### Coach asks 2nd Reader:

- 1. What do you predict will happen next?
- 2. Read half a page.
- 3. Did the prediction come true?

1 point for predicting 1 point for reading 1 point for checking 5 min

5 min

5 min

5 min



- Follow the PALS scripts (doesn't need to be verbatim, but should cover the same content)
- Use the PALS materials
  - Question Card
  - Correction Card
  - Point Sheet
- Ensure that students are "getting it."
- Reteach as needed.
- Implement PALS 3 times per week.

# Monitoring Students during Paragraph Shrinking

- Watch to see:
  - Do students provide appropriate responses to the three prompts?
  - Are main idea statements
    - Not verbatim from text?
    - Good summaries?
    - 10 words or less?
- Does Coach really listen to Reader and correct as needed?



Monitoring is your most important job once students have started PALS!

# Monitoring Students during Prediction Relay

#### Watch to see:

- Are students making predictions at the beginning at after each half page read?
- Are their predictions about things that could happen in the next ½ page?
- Do they check to see if their predictions came true?
- Do they keep predicting and reading until the timer rings?



- Conduct training lessons: Days 6-12 (if you have already done 1-5)
- 2. Look out for a brief email survey to share questions you'd like addressed in the next session
- 3. Join us for Session 4 on November 16!

## For More Information and Materials

- Visit the Website
  - www.kc.vanderbilt.edu/pals/
- Email <u>pals@vanderbilt.edu</u>
- Email Kristen McMaster at University of Minnesota
  - mcmas004@umn.edu

