Session Title:
Using Collaborative Structures to Encourage Thinking and Language Skills with the CCSS

Bell Work

List all of the collaborative structures you know (on the sheet provided).
Using Collaborative Structures to Encourage Thinking and Language Skills with the Common Core State Standards.
Learning Goal

TLW understand how to incorporate collaborative structures into lesson designs to maximize student learning of the Common Core State Standards (CCSS).
4 I am able to design lessons for my students, using collaborative structures to maximize student learning of CCSS.

3 I understand how to incorporate collaborative structures into lesson designs to maximize student learning of the CCSS.

2 I understand the principles of cooperative learning.

1 I understand the importance of using cooperative learning to maximize student learning.

0 I have no background knowledge of cooperative learning, collaborative structures or CCSS.
I wonder if my teacher gets tired of saying "WAH wa Wah" all day...?
What are the Benefits of Cooperative Learning?

• Academic Achievement

• Social Development

(Johnson, and Johnson, 1981; Slavin, 1983b; Kagan, 1985)
21st century skills

Tony Wagner: Global Achievement Gap
Critical Thinking and problem solving
Collaboration across networks and leading by influence
Agility and adaptability
Initiative and entrepreneurship
Effective oral and written communication
Accessing and analyzing information
Curiosity and imagination
Three Schools of Cooperative Learning

1. Structural Approach

2. Learning Together

3. Curriculum Specific Packages
Six Key Concepts of Cooperative Learning

1. Teams
2. Cooperative Management
3. Will to Cooperate
4. Skill to Cooperate
5. Structures
6. Basic Principles
What does P.I.E.S. stand for?

P - Positive Interdependence
I - Individual Accountability
E - Equal Participation
S - Simultaneous Interaction
Structures

• MASTERY STRUCTURES
• THINKING SKILLS STRUCTURES
• INFORMATION SHARING STRUCTURES
• COMMUNICATION SKILLS STRUCTURES
• SOCIAL SKILLS DEVELOPMENT
Where to Start?

Management
  - Quiet Signal
  - Class Norms
  - Seating
  - Directions
CCSS 3MD.3 Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one and two step “how many more” or “how many less” problems, using information presented in bar graphs.

I DO

Teammate Consult
Our Pets

1. How “many” guinea pigs are owned by our class?

2. How “many less” (fewer) birds than fish are owned by our class?

3. How “many more” dogs and birds THAN fish and guinea pigs are owned by our class?
We Do

Teammate Consult
You Do
CCSS Speaking and Listening

**CCSS.ELA-Literacy.SL.3.1** Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 3 topics and texts*, building on others’ ideas and expressing their own clearly. explore ideas under discussion.
CCSS Speaking and Listening

CCSS.ELA-Literacy.SL.3.1b Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion).

CCSS.ELA-Literacy.SL.3.1c Ask questions to check understanding of information presented, stay on topic, and link their comments to the remarks of others.

CCSS.ELA-Literacy.SL.3.1d Explain their own ideas and understanding in light of the discussion.
CCSS English Language Arts Literacy

CCSS.ELA-Literacy.SL.3.3 Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.

CCSS.ELA-Literacy.SL.3.6 Speak in complete sentences when appropriate to task and situation in order to provide requested detail or clarification. (See grade 3 Language standards 1 and 3 here for specific expectations.)
Formative Assessment

• List at least two new structures that you plan to use in the next two weeks.
• List the preparation necessary to implement these structures in the classroom.
Scale

4. I understand how to design lessons for my students using collaborative structures to maximize student learning of the Common Core State Standards.

3. I understand how collaborative structures are incorporated into lesson designs in order to maximize student learning of Common Core State Standards.

2. I understand the principles of collaborative structures.

1. I understand the importance of collaborative structures to maximize student learning.

0. I don't understand collaborative structures.
Peace On Earth

Mutts

ORDER ANYTHING YOU WANT.

Peace on Earth.

By Patrick McDonnell