

Grade Kindergarten	Bears in a Cave
<b>Common Core Standard</b>	Standard Operations and Algebraic Thinking Decompose numbers less than or equal to 10
1. Shared event: What might be the introduction to the task and description of the task the students will be experiencing?	Teacher will begin on the carpet with a group example (could use doc. camera as well) Students will be divided into partners (Planned ahead based on skill level) Each group will be given Bear counters (could be seasonal counters for twist to the game) Groups will have 5, or 10 counters. (Based on skill levels) Student 1 will have Student 2 shut their eyes. Student 1 will then hide a group of counters out of sight (in a sock, bowl, or cup). Student 2 will open eyes and try to figure out how many counters are out of sight. They will record the answers on their recording paper. Students will then switch roles. They should play the game a few times, if they are doing really well extra counters could be given to students based on skill level.
2. Picture or model: What types of pictures might you see?	The students may draw bears (counters) cave (sock, bowl, cup etc.) recording sheets Their partners/group
3. People-talk: What do we think students are going to say about the shared experience?	Hopefully some will begin to write a sentence about what they did, or use labels to describe their pictures. Lead this into a shared writing for the people talk and into the feature talk. We played a game. We had bears in a cave. We had to guess how many were in the cave. We had to count the bears. We had partners and took turns.
4. Feature-talk: What terms, ideas, comments, do you think the students will bring out and what are the mathematical ideas you hope to flush out?	Done as shared writing. More Less Same different Addition -put together Subtraction
5. Symbolic representation: What are some possible symbolic representations that may result from the feature talk?	Now I want you to go back and draw using numbers, letters and symbols and using the feature talk words and draw what we just talked about.  We are thinking that the children will draw exactly what they did for the shared experience. Hopefully some will write down addition sentences.
Materials needed: Paper, pencil, recording sheets, counters (bears or seasonal shapes), Cave (sock, cup, bowl etc) Created By: Cohort A Lesson Study 1 November and December	

