Monitoring Student Thinking Use this Assessment Checklist to monitor and guide student thinking as students work in teams to classify items into categories.

Create Categories

Questioning Strategies	Assessment Checklist					
 What kind of an item is this? What is the relationship between <u></u> and <u></u>? 	Circle the letter of the skill or strategy that is apparent in each group's discussion.					
3. How is like?	 Students can identify common features and compare and contrast items. 					
4. How are and different?	2. Students can differentiate between general categories and specific items.					
5. Can you distinguish between and?	 Students can generate reasonable categories and explain their reasoning. 					
6. Can you separate the?	4. Students can create appropriate names for categories.					
7. Which one doesn't belong in this group?	<u>Comments</u>					
8. Why are you grouping the items that way?	Team 1 1 2 3 4					
9. Can you separate these items into more distinct categories?	Team 2 1 2 3 4					
10. Why are you putting and together?	Team 3 1 2 3 4					
11. Can you think of descriptive names for the categories you've	Team 4 1 2 3 4					
created?	Team 5 1 2 3 4					
	Team 6 1 2 3 4					

Refine Categories

12. Are you sure you want to categorize the items that way?13. Are there ways that items in the same category are different?	 Students can see flaws in their reasoning. Students can see multiple ways of categorizing. Students can evaluate the best categories 						
Are these important differences? Would this make a difference in your categories?	and explain their reasoning. <u>Comments</u>						
14. Take two items that could create a new category and put them together and ask them in what	Team 1 1 2 3 Team 2 1 2 3						
new category they might belong. 15. Try re-categorizing the items	Team 3 1 2 3						
into different groups. Do these groups more accurately reflect the characteristics?	Team 4 1 2 3 Team 5 1 2 3						
	Team 6 1 2 3						

Finalize Categories

16. What is the overall theme of this	1	Student	c con c	nonor	olizo	catagorias that		
category?	 Students can generalize categories that include multiple items 							
	include multiple items.							
17. What generalization can you	2. Students can prioritize items based on the							
make from this information?	degree to which their features relate to the							
18. Think of good names for your	category description.							
categories.	3. Students can finalize their category							
 Are they short with just a 		descriptions to include all appropriate						
few words?		items a	nd excl	ude a	all irr	elevant ones.		
 Do they accurately describe 	4. Students can elaborate the categories by							
the items in them?	generating additional appropriate items							
19. Do all of the items fit in the	and describing those items in more detail.							
category or do you need to	<u>Comments</u>							
move some to other categories								
or create new ones?	Те	am 1	1	2	3	4		
20. Can think of any additional			-	_	•	•		
items that would fit in the	Team 2		1	2	3	4		
category?	10		•	-	U	-		
0 0	То	am 2	1	2	3	4		
21. Are some of your items more	Team 3			2	3	4		
important to the category than	-	4	4	~	~			
others?	Ie	am 4	1	2	3	4		
22. Are your categories as refined	_	_		-	_			
as they can be?	Те	am 5	1	2	3	4		
	Те	am 6	1	2	3	4		