

Summer Learning Exchange 2021
 Tuesday, July 20
THINK-MATCH II

MATH LESSON START VIDEO at 1:15

<https://learn.teachingchannel.com/video/dot-image-math-lesson>

A dot image “lesson” gives students the opportunity to see connections between operations and visualize the properties of operations by counting a set of dots in many ways.

14 students (9 White + 4 AA + 1 girl cannot see at back –name is Journey)
 Math Specialist is teaching.

Calling On “codes”

R*	Raised hand
CC**	Cold Call
CCD	Cold Call for Discipline
B-A	Blurt out-Accepts
B-I	Blurt out-Ignores
C&R	Call and Response: Teacher asks for group response or indicates students should “popcorn”
ES	Uses equity strategy (equity stick or card to call on student)
TR***	Teacher repeats student response to class verbatim
TRV***	Teacher revoices student response or checks student response
TPS	Think and Pair and then Share
Other/TP	Any other strategy you note / Teacher prompt added for this video

Time	Evidence	Code for Calling On
1:15	T: I am going to reveal a dot image ... When you have one way ... give me a thumbs up. Signal using your fingers. Here is the image of dots. I want to know how many dots you see and how your see them. Think time about 30 seconds. Teacher scanning to see thumbs to chests	TT Silent C&R
2:08	Let’s How many dots did you see? St: 49 Did anybody see a different number of dots? Somebody tell me how you saw the dots.	R
2:37	T calls on raised hand _____ (White boy). How did you see the dots..? S: reports visual and mental math of dots: Then I added... T. checks to make sure she is understanding as she puts on board	R TRV
3:28	Does anybody else see like Trip?	Y/N

	<p>Somebody else.. Anybody else see it? Teacher calls on White girl. S: I kinda see it like it... I multiplied...I remembered what Elissa said this great way... not a regular small way big way. I did like $7 \times 7 = 49$ That was an easy way for me. T: That was an easy way for you. Did anyone else see what she saw? Notes raised hands ...does not call on anyone.</p>	R
4:18	<p>T: In dot images, we Did anybody else...see? Where are 7 and 7 coming from?</p>	TRV
4:40	<p>T. Calls on AA girl ... St: In one group you have the 7 and then there are 7 groups of 7. T: Very Good. So this is....? S: Yes T: Very Good</p>	R TRV
5:02	<p>T: Any other way? Calls on White boy S: reports on his way of counting the dots. T: So all of them you did 3s. T. puts addition and multiplication on the board... St: When I added the ... [continues to explain]... T: So you didn't do these 3s originally S. Then I added the.... Ones and T. So you did see the 3s... Uh-huh S. So I did $42 + 7$ T. Gotcha.</p>	R TP TP
6:33	<p>T: Does anyone think they can re-explain this picture? Hands up. How did we get to 49... Calls on White boy in front. T: Where was 3×6 come from? T: So this was how many 3s? S: Then when he did 18 ... Then 6 was in the middle.</p>	R TP TP
6:58	<p>St: The threes were coming from the top... T: Those are the top ones so it is 18. Gotcha. Teacher talks back and forth with student (Same) St: I had another strategy... Did you have another strategy What was yours? S: Well, I noticed that these were the same shapes. T. repeats... whole groups were shaped like an i. Keep going... T. The whole group was like an i.. S: responds T: keep going St: Then I did 7×7... I know 7 ... because of my friend (dog years).</p>	TRV TRV TP

	T. Oh he tells ... very nice.	
8:48	<p>Did anybody else see the same shape? Hands up... A different strategy. Calls on white girl. S: I know that... I added.... I know there are 9... then I did...12+9 which equals 21 Then I added the twos.... T: Are you saying the twos here? Let me catch up S: 24/26/28 Then I did... 28 T: Wonderful</p>	<p>R</p> <p>TP</p>
10:08	<p>T asks for other responses. calls on Tremain (AA boy who has had his hand up on every request) S: Explains his reasoning I did the top row.... T: How did you know that was 21, Tremain? Keep going. T: I did the other and knew.... Did you know that from up here? S: continues to explain T: Very nice...I saw some shakes.</p>	<p>R</p> <p>TP</p> <p>TP</p>
11:04	NOTE: The AA boy in back with red shirt never raises his hand.	