

+ Cognitive Abilities Test (CogAT)

- Tests learned reasoning abilities - not specific content
- Reasoning abilities are developed through in-school & out-of-school experiences
- 3 Batteries
 1. Verbal
 2. Quantitative
 3. Nonverbal



+ Full CogAT - 2nd Grade



Battery	Subtest	Number of Items	Estimated Testing Time (Minutes)
Level 8 (Grade 2)			
Verbal Battery	Picture Analogies	18	13
	Sentence Completion	18	14
	Picture Classification	18	13
Quantitative Battery	Number Analogies	18	15
	Number Puzzles	14	15
	Number Series	18	15
Nonverbal Battery	Figure Matrices	18	13
	Paper Folding	16	11
	Figure Classification	18	13
Total		156	122

+ CogAT screener - 3rd Grade (2021 only)

Levels 9–17/18

Battery	Subtest	Number of Items		Testing Time (Minutes)
		Level 9	Levels 10–17/18	
Verbal Battery	Verbal Analogies	22	24	10
	Sentence Completion	20	20	10
	Verbal Classification	20	20	10
Quantitative Battery	Number Analogies	18	18	10
	Number Puzzles	16	16	10
	Number Series	18	18	10
Nonverbal Battery	Figure Matrices	20	22	10
	Paper Folding	16	16	10
	Figure Classification	20	22	10
Total		60	176	90

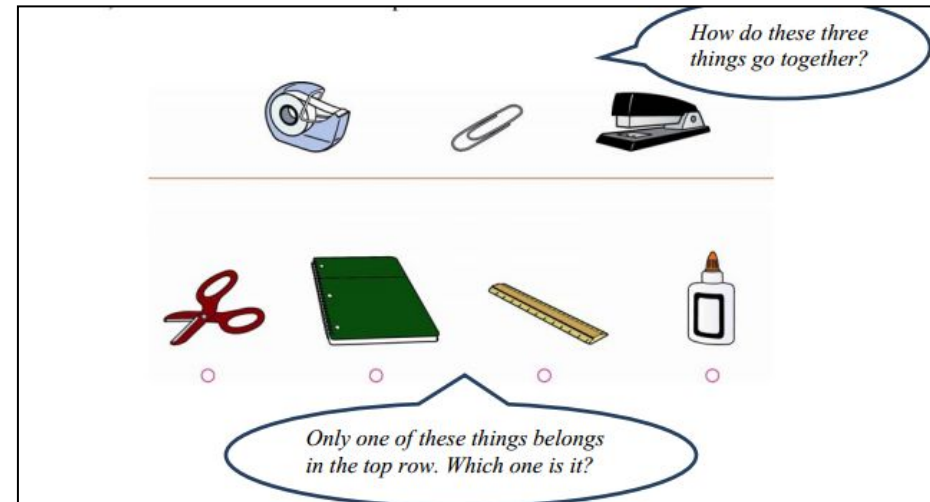
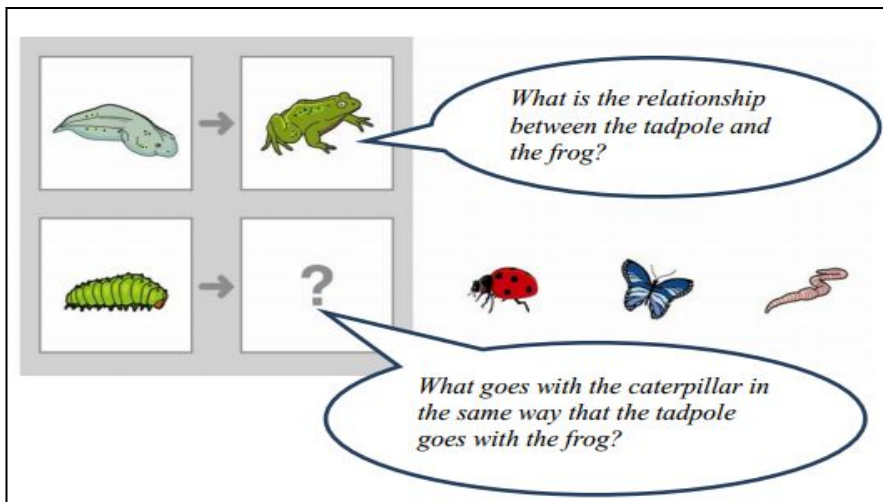
+ Verbal

- Assesses student ability to use search, retrieval, and comparison **processes** that are essential for Verbal Reasoning

- Picture Analogies

- Sentence Completion

- Picture Classification



+ Quantitative

- Assesses student ability to reason about patterns & relations using concepts essential to quantitative thinking.

- Number Analogies

- Number Puzzles

- Number Series

Which number should go in the square with the question mark?

$$\boxed{9} = \boxed{1} + \boxed{3} + \boxed{?}$$

4 5 6 7

☐ ☐ ☐ ☐

What rule can tell us what happened between the first and second boxes?

Apply the same rule to figure out how many balls should go in the box with the question mark.

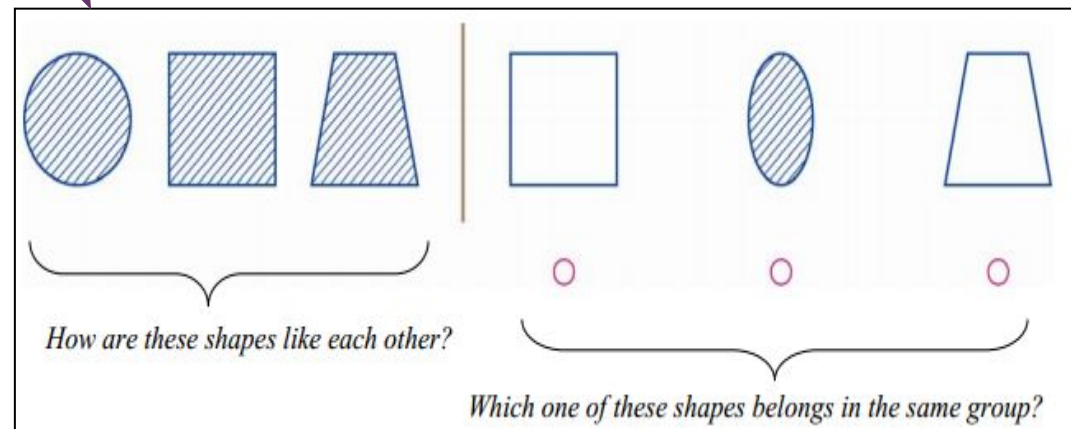
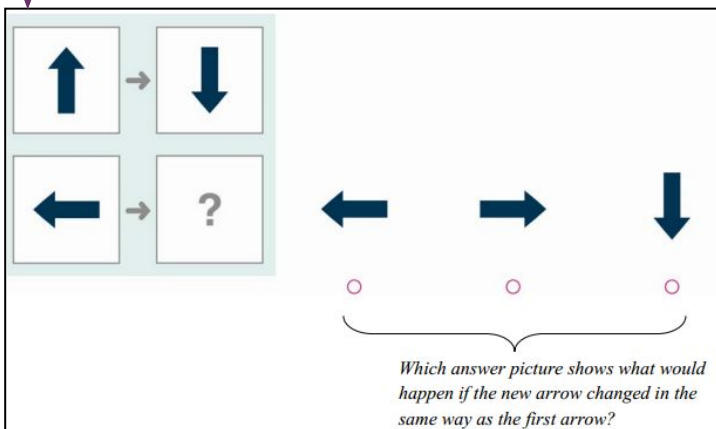
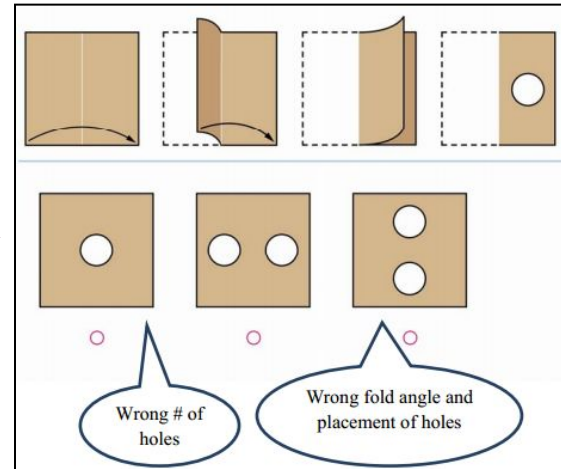
What is the pattern here?

Which one of these will come next?

+ NonVerbal

- Assesses student ability to **reason** with more novel questions that use spatial and figural content.

- Figure Matrices
- Paper Folding
- Figure Classification





Demonstration of Process

Watch Video



It looks like this....

Data Manager – link on Shakopee Website




One Teacher
Computer
“controls” all
the student
iPads



Secure Browser – Icon on desktop

+ Process – Big Picture

1. Setup session on teacher computer – write the session code on the board
2. Students will need headphones
3. Students click the Data Manager icon The Data Manager logo is a blue square with the words "DATA" and "MANAGER" in white, stacked vertically, and a small bar chart icon to the right.
4. Students login using lunch code/ID number and session code – session codes expire each night at midnight
5. Teacher “approves” students for testing
6. Teacher starts and runs the session
 - Teacher stays logged-in as long as class is testing
 - Teacher monitors students as they answer questions
 - Teacher can provide reminders for students to answer questions



Administration



- Test Event – created for you
- Test Assignment – which test/level students take (created for you)
- Test Session (School Assessment Coordinator creates) – consider this like passing out booklets – so you will “virtually” pass out 3 different booklets (naming convention building-teacher-topic)
 - Verbal – 1st (JA-Hartman-Verbal)
 - Quantitative – 2nd (JA-Hartman-Quantitative)
 - Non-Verbal – 3rd (JA-Hartman-NonVerbal)

To access the proctor area:

- Teacher logs in
- Select **Proctoring** from the top middle of the screen
- Find and select your test session

DATA MANAGER

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OverviewAssessmentsProctoringReportsAdministration

Proctor Session

Manage

Create New Test Session

Test Event *
Select Test Event

Grade *
Select Grade

Test Group *
Select Test Group

Level *
Select Level

Battery/Subtest *
Select Battery/Subtest

Test Admin Type

Session Name *

Draw Screen
On

Create Session

Created Sessions

Session Name	Test Admin Type	Test Event	Test Group	Level	Battery/Subtest	Session Code	Actions
DO - KAJ - TEST A	Audio-English	CogAT Fall Grade2 October 2021	CogAT 7 Complete	Level 8	VERBAL / Sentence Completion	96-96212	



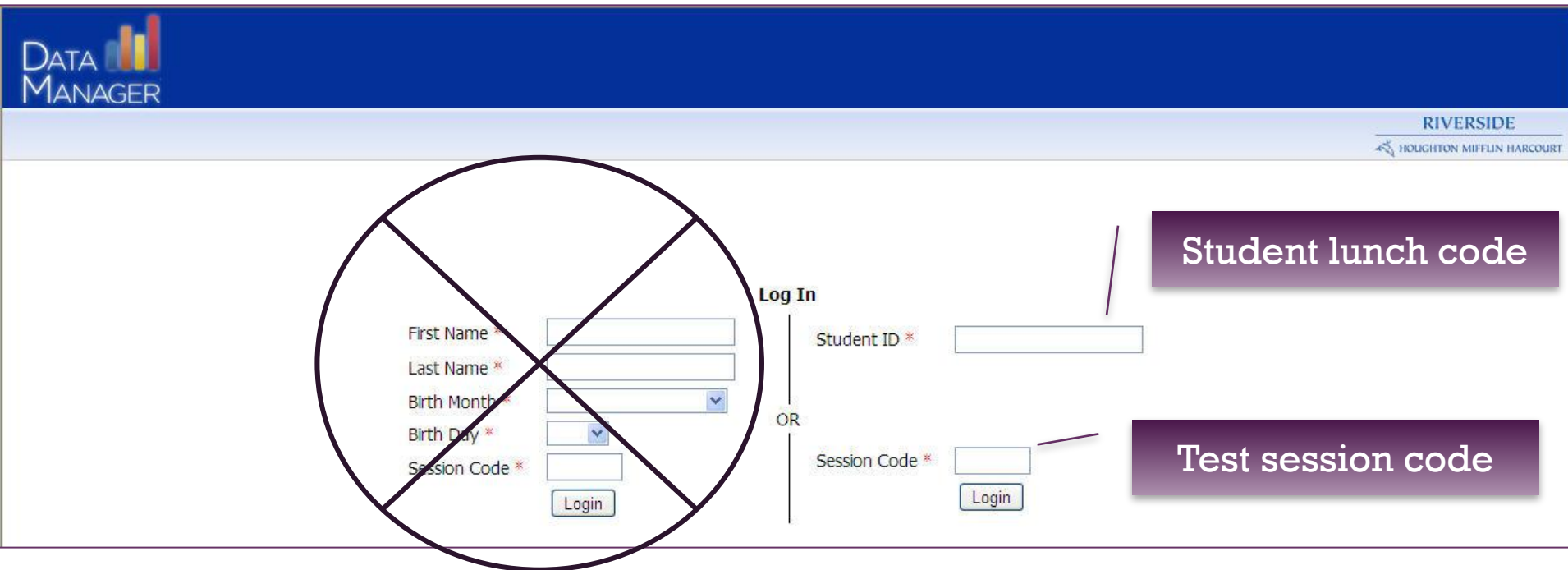
Teacher writes Session Code on board

Students click on icon below



Starting the test for students

1. Students click on “Take a Test”
2. A “Confirm App Self-Lock” screen will appear - Students click “Yes”
3. Students sign in using 6-digit ID and Session Code



The screenshot shows the 'DATA MANAGER' login page. The header includes the 'DATA MANAGER' logo and 'RIVERSIDE HOUGHTON MIFFLIN HARCOURT'. The login section is divided into two paths: 'Log In' and 'OR'. The 'Log In' path is circled with a large 'X' and contains fields for First Name, Last Name, Birth Month, Birth Day, and Session Code, with a 'Login' button. The 'OR' path contains fields for Student ID and Session Code, with a 'Login' button. Annotations include a purple box labeled 'Student lunch code' pointing to the Student ID field and another purple box labeled 'Test session code' pointing to the Session Code field.

DATA MANAGER

RIVERSIDE
HOUGHTON MIFFLIN HARCOURT

Log In

First Name *
Last Name *
Birth Month *
Birth Day *
Session Code *

OR

Student ID *
Session Code *

Student lunch code

Test session code

Starting the test for students

4. Once students are signed in, their names will appear in the “Waiting for Approval” section of teacher’s view
5. Students will go to a screen where they can draw pictures

RIVERSIDE


HOUGHTON MIFFLIN HARCOURT



Clear

Starting the test for students

- Once all students show in the list under “Waiting for Approval”, teacher clicks on “Approve All”
- All students will be moved to “Approved Students” section
- Students will automatically be moved from the drawing screen to a screen where they will click on “Start My Test”



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Proctor Session

ManageDO - KAJ - TEST A

Add a walk-in StudentStudent Lookup

Session Name	Test Admin Type	Test Event	Test Group	Level	Battery/Subtest	Session Code
DO - KAJ - TEST A	Audio-English	CogAT Fall Grade2 October 2021	CogAT 7 Complete	Level 8	VERBAL / Sentence Completion	96-96212

Exceptions (0 of 0)

Last Name	First Name	MI	Date of Birth	Gender	Grade	Battery/Subtest	Reason	Actions
There are no records.								

Waiting for Approval (0 of 0)

Approve AllDeny All

Last Name	First Name	MI	Date of Birth	Gender	Grade	Battery/Subtest	Actions
There are no records.							

Approved Students (0 of 0)

Refresh StatusAllContinue Testing AllEnd Testing AllPause AllExit AllCancel AllExtend Time All

Last Name	First Name	MI	Date of Birth	Gender	Grade	Battery/Subtest	Status	Actions
There are no records.								

Troubleshooting

If something doesn't seem to be working properly (student is in a different spot in the assessment than what the teacher screen is displaying, etc.), try clicking on “Refresh Status”

DATA MANAGER

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Proctor Session

ManageDO - KAJ - TEST C

Add a walk-in StudentStudent Lookup

All students have been approved to take the test.

Session Name	Test Admin Type	Test Event	Test Group	Level	Battery/Subtest	Session Code
DO - KAJ - TEST C	Audio-English	CogAT Fall Grade2 October 2021	CogAT 7 Complete	Level 8	NONVERBAL / Paper Folding	83-24140

Exceptions (0 of 1)

Last Name	First Name	MI	Date of Birth	Gender	Grade	Battery/Subtest	Reason	Actions
There are no records.								




Waiting for Approval (0 of 1)

Approve AllDeny All

Last Name	First Name	MI	Date of Birth	Gender	Grade	Battery/Subtest	Actions
There are no records.							

Approved Students (1 of 1)

Refresh StatusAllContinue Testing AllEnd Testing AllPause AllExit AllCancel All

Last Name	First Name	MI	Date of Birth	Gender	Grade	Battery/Subtest	Status	Actions
Student	Sample		10/01/2013	M	2 - Two	NONVERBAL / Paper Folding	Starting	  

No of Records: 25



At the end of a subtest you will choose one of the following options:

Continue testing the next subtest

On the Session tab

1. In the Approved Students section verify the status for ALL students is completed
2. Click Continue Testing All - OK
3. A new tab will open with the new subtest as the tab
4. Close the tab from the prior test

End Testing

1. On the Session tab
2. In the Approved Students section verify the status for ALL students is completed
3. Click End Testing All

Thank you

Click **End** to close the test.

End