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Table 1: Bogglers-per-Topic

At-a-Glance

		<i>Topics</i>	<i>Primary Bogglers #s</i>	<i>Variation Bogglers #s</i>
Quick Reference Guide for Topic Codes	<i>Personal Strengths</i>			
	A	Self-Confidence &/or Self-Worth	12, 18, 21, 22, 43, 44, 70, 82, 130, 136, 145, 201	6, 7, 20, 70
	B	Personal Character	41, 66, 71, 191, 195	19, 23, 31, 183, 201
	C	Feelings & Emotions	29, 144, 147, 187, 192, 201	84, 94
	D	Attitude	70, 92, 94, 185, 186, 198	50-65, 85
	E	Patriotism	132, 186, 188, 194	
	<i>Thinking and Behaving</i>			
	F	Constructive, Clear & Rational Thinking	12, 46, 74, 182, 189, 190, 196	74, 75, 88, 99, 193
	G	Decision Making & Problem Solving 118, 138, 148, 150-180	6, 9, 10, 84, 99, 100-115, 116, 118, 138, 148, 150-180	5, 15, 36
	H	Responsible/Respectful Behavior	4, 95, 97, 126, 195	128
<i>Schoolwork and Career</i>				
I	Study Skills & Other Learning Strategies 72, 73, 74, 78, 87, 124, 128, 129, 131, 133, 140	6, 14, 20, 23, 36, 37, 39, 47, 48, 72, 73, 74, 78, 87, 124, 128, 129, 131, 133, 140	15, 78, 90, 135, 148	
J	Goal Setting	3, 5, 33, 45, 133, 137	1, 10, 40, 119-121	
K	Career Development	17, 22, 90, 137, 181	3, 35, 37	
<i>Social Skills and Responsibilities</i>				
L	Social Skills, Friendship &/or Cultural Diversity	1, 8, 15, 49, 50-65, 68, 75, 77, 80, 81, 82, 83, 85, 86, 91, 141, 146, 196	79, 133	
M	Anger Management &/or Conflict Resolution	28, 30, 31, 32, 35, 42, 43, 67, 78, 7, 93, 142, 184, 18	4, 46, 48, 92, 144	
N	Disabilities	24-27, 143, 149, 193, 199	11, 130	
<i>Preventing and Coping with Problems</i>				
O	The Role of the Professional Helper (or Parent)	2, 40, 79, 197	184	
P	Substance Abuse Prevention	11, 13, 16, 117, 125	124,	
Q	Other Prevention	127, 139, 190, 191	75, 91	
R	Grief & Loss	7, 122	81, 149, 185	
S	Coping & Resiliency	34, 35, 38, 76, 89, 96, 98, 142, 183, 197, 200	194	
T	Support Systems	19, 69, 88, 119-121, 123, 132, 134, 135	13, 68, 138, 145, 188	

Table 2: Topics-per-Boggler

At-a-Glance

Refer to Table 1 to find the topic title for each letter code below. E.g., B=Personal Character.

Boggler	Challenge			Boggler	Challenge		
	Level	Primary Topics	Variation Topics		Level	Primary Topics	Variation Topics
1 Ice Cube Round-Up	3.5	L	J	45 Floating a Needle on Water	4	J	
2 The Secret Button	1	O		46 Suspending an Egg	3.5	F	M
3 Dollar Drop	3	J	K	47 The Fast Knot	1	I	
4 Bottle Blowout	4	H	M	48 The Sticky Water	2	I	M
5 Nine Fold	4	J	G	49 Spinning a Penny Between Two Pins	2	L	
6 The String Saw	3	G, I	A	50-65 Transition Teasers: Mystery Drawings	2	L	D
7 Hole in Your Hand	3	R	A	66 Straw Through Potato	2	B	
8 Pass the Electricity	1	L		67 Opening a Fist	2	M	
9 Penny/Nickel Challenge	3	G		68 Finger Power	2	L	T
10 Balancing Nails	3.5	G	J	69 Balancing a Salt Shaker on Its Edge	3	T	
11 Blowing-Up a Balloon in a Bottle	4	P	N	70 Can You Tell Warm from Cold?	1	D	A
12 Antigravity Forks	3.5	F		71 The Super Strong File Card	2	B	
13 Lift Your Foot Off the Floor!	4	P	T	72 Stick Out Your Tongue and Touch Your Nose	2	I	
14 Coin Catch	2	I		73 The Helicopter Yardstick	1.5	I	
15 Toothpaste Reload	4	L	G	74 Missing the Point	1	I	F
16 Write this Number Down	3	P		75 Making a Glass Sing	2.5	L	F, Q
17 One-Sided Paper	3	K		76 Matchbox Stand Up	3	S	
18 Breaking a Pencil with a Dollar Bill	3	A		77 Something Your Mom Can Do, But Your Dad Can't	1 (women) 4 (men)	L	
19 The Invisible Penny	3	T	B	78 Secret Code	2.5	M	I
20 Ancient Numbers	2	I	A	79 The Warm Surge	2	O	L
21 Putting Your Body Through an Index Card	3	A		80 Hand Mirroring	1	L	
22 Newspaper Tree	1	K, A		81 The Circle Lap-Sit	2.5	L	R
23 Sticking a Spoon to Your Nose	2	I	B	82 The Next Step	3	L, A	
24-27 Optical Illusions	1	N		83 Group Skis	1.5	L	
28 Make Ten	3	M		84 Picking Up Six Plastic Cups With One Hand	2	G	C
29 The Two-Ton Kid	2	C		85 Figuring Out What Frog Likes	2	L	D
30 Meeting in the Middle	1	M		86 Straw Sculpture	1	L	
31 Super Fingers	3.5	M	B	87 The Magnetic Chair	4	I	
32 Try to Keep a Match Burning Over a Glass of Soda	4	M		88 Ripping Through a Tissue With a Broomstick	4	T	F
33 The Twisting Hands Challenge	2	J		89 Tearing Folded Paper into Thirds	4	S	
34 Spinning a Penny on a Coat Hanger	3.5	S		90 Two Straws are Not Always Better Than One	4	K	I
35 Making a Tornado Machine	1	M, S	K	91 The Egg Lie Detector	2	L	Q
36 Try to Place a Penny on This Tabletop	4	I	G	92 The Anti-Leaking Bottle	2.5	D	M
37 Words You Can Write on a Calculator	2	I	K	93 Blowing a Piece of Paper off a Spool of Thread	4	M	
38 Blow Out a Candle Through a Funnel	4	S		94 The Creeping Paper	1	D	C
39 Blowing a Ping-Pong Ball Out of a Funnel	4	I		95 The Fussy Cork	2.5	H	
40 The Six-Cup Challenge	3	O	J	96 The Crash-Test Egg Dummies	2	S	
41 Making a Paper Balloon	3	B		97 Three Cups	3	H	
42 The Invisible Candle Extinguisher	1	M		98 The Super Bouncing Pen	1	S	
43 Flipping Up a Newspaper With a Ruler	4	A		99 Complete this Sequence	2.5	G	F
44 The Singing Silch	1	A		100-115 Riddles	2-3	G	

Table 2: Topics-per-Boggler

Continued...

<i>Boggler</i>	<i>Challenge Level</i>	<i>Primary Topics</i>	<i>Variation Topics</i>	<i>Boggler</i>	<i>Challenge Level</i>	<i>Primary Topics</i>	<i>Variation Topics</i>
116 Keep Your Pencil on the Paper	3	G		140 Take This Seven-Minute Test	1.5	I	
117 The Dime Escape	3	P		141 Who's Left on the Boat?	1	L	
118 Connecting Nine Dots With Four Lines	2	G		142 Paper Float	2.5	S, M	
119-121 Try to Draw These	1.5	T	J	143 The Multiplying Boxes	3	N	
122 The Black Hole	3	R		144 The Topsy-Turvy Penny Glass	2	C	M
123 How to Make the World's Best Paper Helicopter	1	T		145 Try to Jump	4	A	T
124 The Lost Liquid	3	I	P	146 Human Spring	1	L	
125 Your Magnetic Finger	4	P		147 Back Talk	1	C	
126 One-Handed Coin Spin Techniques	3	H		148 The Magic Square	2	G	I
127 Standing Nickels	1	Q		149 Disability Drawing	2	N	R
128 20-Penny Game	2	I	H	150-180 Transition Teasers: Word Puzzles	2	G	
129 The Invisible Coin Spin Technique	3	I		181 Jump Over a Dollar	3	K	
130 Lifting a Bottle With One Plastic Straw	1.5	A	N	182 How Many Squares?	2.5	F	
131 Passing Through the Center of an Ice Cube Without Leaving a Hole	3	I		183 Clay Boat Contest	1	S	B
132 Find The Burning World Trade Center an Pentagon on a \$20 Bill	3.5	E, T		184 Newspaper Stand	3	M	O
133 Hovering a Balloon in Midair	2	I, J	L	185 Cracker Crumble	4	D	R
134 Suspending a Ball in Midair	3	T		186 Bicycle Wheel Gyroscope	1	D	
135 Balancing Three Ping-Pong Balls On Top of One Another	3.5	T	I	187 The Anger Volcano (baking soda and vinegar)	1	C	M
136 Drawing a Line Through Five Rectangles	4	A		188 Paper Island	2	E	T
137 Ten Pennies in 5 x 4 Rows	4	4	K, J	189 Make a Square	3	F	
138 Nine Little Piglets in Four Pigpens	2.5	G	T	190 Counting Sheep	4	F, Q	
139 I Bet I Can Make You Say "Black"	1	Q		191 Cork Escape	3.5	B, Q	
				192 Straw Sculptures	1	C	
				193 Fives That Don't Add Up	3.5	N	F
				194 9/11	3	E	S
				195 Vertical Flying Ring	1	H, B	
				196 Which pencil is longer?	2	F, L	
				197 "T" Puzzle	3.5	O, S	
				198 Amazing Spelling Fun	3	D	
				199 The Great Drop Race	1	N	
				200 Rope Waves	2	S	
				201 Making Your Own Personal Rainbow of Feelings	1	C, A	B

MIND BOGGLER #74

Missing the Point

Grade Levels

PK-12

Level of Challenge



Topics Covered

- ☆ Study Skills & Other Learning Strategies (Primary)
- ☆ Constructive, Clear, & Rational Thinking (Variation)

Materials Needed

- ☆ Pencils (2, sharpened; use crayons for younger children)

THE CHALLENGE

Hold a pencil in each hand with the not-too-sharp ends pointing towards one another. Hold them so they are slightly nearer than arm length away from you. Close one of your eyes and move the pencils towards one another. Try to touch their tips together the first time (Figure 74). Afterwards, try the same challenge with both eyes opened.

THE SECRET

This mind boggler is very difficult if you use only one eye. With one eye, it is difficult to judge distance and you are likely to miss the pencil tips by misjudging their real distances from each other. It is usually easier to touch the pencil tips together if you look with both eyes.

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THE STORY

Study Skills & Other Learning Strategies

Adult: Like with the pencils, if you are only paying half attention, you may miss the point of what your teacher is saying. How can you focus more of your attention on your teacher so that you are able to get the points better?

Challenger: Look at the teacher when she (he) is talking.

Adult: Yes, that's a good idea. You can also learn to sit up in your seat so that you can be more alert.

VARIATION

Try playing catch with a soft rubber or plastic ball. Determine if the challenger can catch better with one, or two eyes opened. Then reemphasize how you can give your full attention to important tasks.

Constructive, Clear, & Rational Thinking

Describe how when we are in our "Mud Mind" (or for older students, "Stuck Mind") it is like when we are in a bad mood. We can't think very clearly when we are using our Mud (Stuck) Mind. It is like we have one eye shut. Our mind can take in much more information when we are in our "Clear Mind." This is like when we are in a good mood. When we are in our Clear Mind, it is like we have both eyes open and can see much more. This is why we learn much better when we are in our Clear Mind. Discuss how, if you notice you are using your Mud (Stuck) Mind, you could shift over to your Clear Mind.

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MIND BOGGLER #89

Tearing Folded Paper into Thirds

Grade Levels
PK-12

Level of Challenge
★★★★★

Topic Covered
☆ Coping & Resiliency

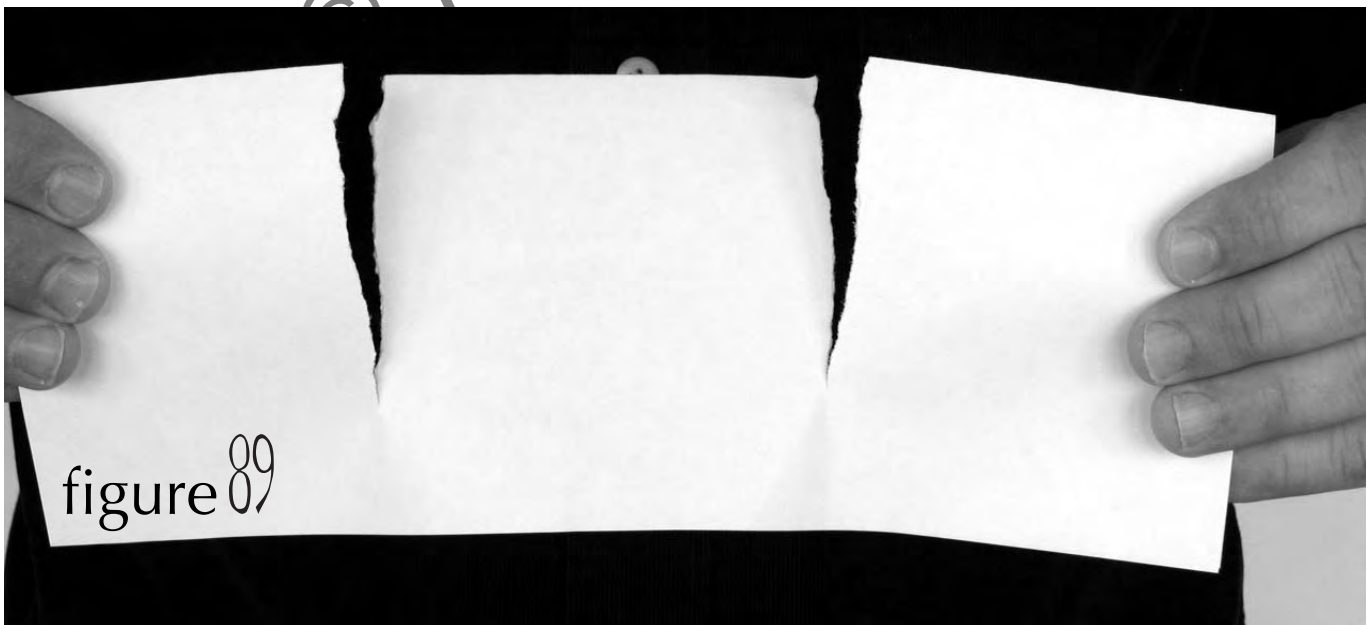
Materials Needed
☆ Paper (1 sheet, copy)
☆ Scissors

THE CHALLENGE

Fold the paper into thirds, like you were folding a letter for an envelope. Open the paper and cut down each fold until it is about one inch from the paper's edge. Hold the two top corners of the paper (see Figure 89). Then pull on the paper, trying to tear both cuts at the same time so that the middle piece will drop out. Fast or slow, this is nearly impossible to achieve.

THE SECRET

The paper will tear at the place of least resistance. One or the other cut will tear first.



THE STORY

Coping & Resiliency

Adult: When there is stress on any system, it will always break at the weakest link. You should be aware of what your own weak links are and work to strengthen them. Put an "X" in the box after each of the following links that show if it is one of your strong or weak links.

Variation

Create a paper chain by taping cut pieces of paper to make interconnecting rings. Pull on both ends of the chain until the chain breaks, revealing the weakest link. Then replace this ring with a stronger one and then test for the new weakest link. Discuss how this is like us. Regardless of how many links we strengthen, there will always be a weakest one. Talk about how every fantasy superhero has a weak link.

	Strong	Weak
Your Friendships	<input type="checkbox"/>	<input type="checkbox"/>
Your Family	<input type="checkbox"/>	<input type="checkbox"/>
Your Teacher(s)	<input type="checkbox"/>	<input type="checkbox"/>
Your Math	<input type="checkbox"/>	<input type="checkbox"/>
Your Reading	<input type="checkbox"/>	<input type="checkbox"/>
Your Writing	<input type="checkbox"/>	<input type="checkbox"/>
Your Temper	<input type="checkbox"/>	<input type="checkbox"/>