Know your stuff!				
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50

Game Board

Bridget Wren - NILD Academy

Set 1

This number is equal to $\frac{3}{3}$	The first positive prime number	The sum of two and one	A quarter of 16	The difference between seven and two
A multiple of 3 that rhymes with "sticks"	A factor of 14 that rhymes with "heaven"	The product of four and two	Triple three	One fifth of fifty
The sum of six and five	The highest factor of 12	A prime number between ten and twenty that is one more than twelve	The product of seven and two	The quotient of thirty and two
4^2	Add one to the product of eight and two	Half of thirty-six	The difference between thirty and twenty, added to nine	A multiple of ten which is equal to the product of five and four
The product of seven and three	The quotient of forty-four and two	Double ten, plus three	The sum of eleven and thirteen	5^2
The difference between thirty and four	The product of seven and three, added to six	The sum of ten and eighteen	The difference between thirty-five and six	The quotient of sixty and two
Triple ten, plus one	Double fifteen, plus two	The product of eleven and three	Seventeen doubled	5^2 plus ten
Six multiplied by six	Thirty plus a prime number below ten that rhymes with "heaven"	Subtract two from half of eighty	The prime number closest to forty that rhymes with "line"	10^2 subtract sixty
Divide one hundred by two and then subtract nine	Eight less than fifty	A prime number between forty and fifty that rhymes with "tree"	Add seventeen to 3^3	Double twenty, plus five
Add one to the product of nine and five	A prime number that equals fifty minus three	Subtract one from 7^2	Ninety-eight halved	Ten multiplied by four, added to ten

Set 2

The first factor of any number	The quotient of six and three	One third of nine	One third of twelve	One fifth of twenty-five
Three less than 3^2	$\frac{1}{2}$ times fourteen	One third of twenty-four	Subtract one from one third of thirty	Subtract eight from the product of six and three
Thirty-two quarters, added to three wholes	One quarter of forty-eight	Subtract two from the product of five and three	Add the quotient of twelve and four to the first prime number after ten	One third of forty-five
2^4	Add one to $\frac{1}{2}$ of 32	2^4 plus two	The difference between twenty-five and six	Eighty quarters = ? wholes?
$\frac{2}{3}$ of 21, plus 7	Triple six and then add four	This number is less than 24 and more than 22	Add the sum of 9 and 6 to the sum of 7 and 2	25% of 100
Add one to one quarter of one hundred	3^3	The product of 7 and 4	Add five to half of 48	Triple ten
Double twelve added to seven	Sixty-four halved	Add three to the quotient of sixty and two	Subtract zero from seventeen doubled	Add 11 to $\frac{4}{5}$ of 30
Add five to the first prime number after thirty	Multiply the factors of 6 together (in sequential order) and then add 1	Subtract 2 from one quarter of 160	Triple 13	Add the factors of 24 together and then subtract 20
Add together the first six prime numbers and then increase that by 4	The quotient of 84 and 2	The next prime number after forty-one	Subtract 6 from the product of 5 and 10.	The sum of the factors of 18, added to 6
Half of ninety-two	Add 7 to the difference between 100 and 60	Double the sum of the factors of 15	$48 > ? < 50$	$\frac{1}{3}$ of 150

Know Your Stuff Game

This is a great game to challenge working memory and math vocabulary!

Print the Game Board and Stimulus Cards onto card and then laminate them. Cut out the stimulus cards (Sets 1 and 2).

There are various ways to play this game – I am sure you can come up with more ideas than I am able to muster!

These can be used in teams, to challenge each other, or used as a challenge for individual students.

You can begin by using the same set of stimulus cards for each student or team e.g. Set 1, with ONE Game Board per student or team and see who finishes first.

OR

You could use ONE set of Stimulus Cards between two students who then compete with other teams of two. I would suggest they all use the same set of Stimulus Cards, to keep it fair.

OR

You could use BOTH sets of Stimulus Cards, mixed up between two students who each have their own Game Boards. This would then be played like BINGO, where they take turns to turn the Stimulus Cards over and place a chip/disc/counter etc. on the answer on the Game Board. If that answer has already been covered, they place the card at the bottom of the pile.

Please note: It is better to play this as a team challenge, because children who struggle with math will not be able to keep up with stronger students.

This could be used as a class activity, where you print everything out on paper, and the students cut out the Stimulus Cards and paste them on the Game Board. Obviously you would only give them one set of Stimulus Cards to paste. Perhaps they could assign five cards a day, until the Game Board is covered.

Each set over Stimulus Cards covers the numbers 1-50.

You can use the Game Board and make your OWN Stimulus Cards to reinforce a topic you are covering.

For USA kids, the terminology might need to be changed e.g. quarters to fourths

"Know your stuff. Know what you want to stuff. Know who you want to stuff and above all, stuff intelligently!"

(Not sure who said that!!)

Bridget Wren - NILD Academy ***(A Cottage School that offers NILD Educational Therapy)***
Director: NILD South Africa (2000 – 2016)

Email: bridget@nildsa.co.za

Website for NILD (National Institute for Learning Development)

www.nild.org (USA) ***or*** **nildsa.co.za (SA)**