



## and connections with the Standards of Learning

### Student Goals for Mathematics

Mathematical problem solvers.

Communicating mathematically

Reasoning mathematically.

Making mathematical connections.

Using mathematical representations.

All of the *Nifty Numbers* activities were designed to promote critical thinking skills. The parent participation booklet offers some suggested higher-order thinking questions for parents to ask their children as they are involved in the activity. As parents work with their children and enter into deeper mathematical conversations, they will be addressing the *Student Goals for Mathematics* and promoting greater learning and understanding.



# Nifty Numbers

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Dominoes	
Kindergarten	K..2, K.6
First	1.5, 1.6
Second	2.5, 2.22
Third	Reinforces and builds on earlier concepts.
Fourth	4.4
Fifth	Reinforces and builds on earlier concepts.
Growing Equations	
Kindergarten	K.2a, K.2b, K.2c, K.6
First	1.5
Second	2.5
Third	3.4, 3.5, 3.20
Fourth	4.4, 4.5
Fifth	5.4, 5.7
Nimble Numbers	
Kindergarten	K.1, K.2a
First	Reinforces and builds on earlier concepts.
Second	2.5, 2.6
Third	3.4
Fourth	4.4
Fifth	5.3
Pattern	
Kindergarten	K.16
First	1.17
Second	2.4, 2.5, 2.20
Third	3.5, 3.19
Fourth	4.4, 4.15
Fifth	5.4, 5.17

# Nifty Numbers

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Pattern Blocks	
Kindergarten	K.1, K.2a, K.4b, K.11a
First	1.12
Second	2.3
Third	3.3
Fourth	4.2b, 4.5b, 4.5d
Fifth	5.6
Rolling Numbers	
Kindergarten	K.2, K.4
First	1.5, 1.6
Second	2.4, 2.7
Third	3.4
Fourth	4.4
Fifth	5.4, 5.18
The Unknowns	
Kindergarten	K.2, K.6
First	1.5, 1.6
Second	2.5
Third	3.5
Fourth	4.4
Fifth	5.18
Who Am I?	
Kindergarten	4a, 4b, 4c
First	1.5
Second	2.1a, 2.4
Third	Reinforces and builds on earlier concepts.
Fourth	4.5
Fifth	5.3