MATHS WORKSHOP – TUESDAY, OCTOBER 18TH, 2016
ADDITION & SUBTRACTION

Early Stage One		Stage One		Stage Two		Stage Three	
Explain the development across the stages (Base 10 System) Single numbers/objects → pop sticks (bundle into 10s) → use of MAB → fewer concrete materials → abstract							
Activity	Resource	Activity	Resource	Activity	Resource	Activity	Resource
1. **Frog Game** -match the lily pad to its corresponding number	*Laminated frogs/ lily pads	1. **Number Bust to 20** -addition -subtraction -explore reasoning	*Individual white boards *markers	1. **Trading game** -to demonstrate why we trade	*MAB *PV Charts *Dice *Cards	1. **Addition of decimals with diff digits** eg 0.3+0.27	*white boards *markers
2. **Count On** -Tens frame: How many more will I need to get 10?	*Ten frame cards with dots	2. **Jump Strategy** - + 1 and 10	*Number lines *pencils	2. **Word Problems** -conversation around: *estimation *choice of strategies *inverse to check	*copies of problems	2. **Subtraction with zeros** -demonstrate one trade	*white boards *markers
3. **Handfuls** -grab a handful of counters -	*Laminated hand mats *Counters	3. **Word Problems** -cross the decade	*copies of problems *number lines				
4. **Subtracting from 10** - empty Tens frame - 10 counters - 10-?=?	*Empty Ten frames *Counters						