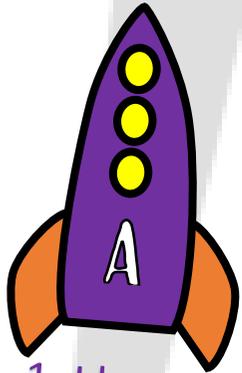


# NUMERACY LAUNCH PAD

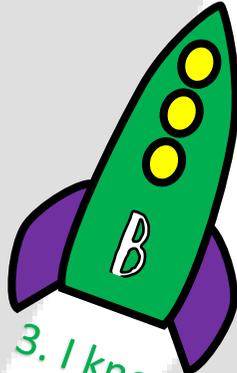
ADD & SUBTRACT



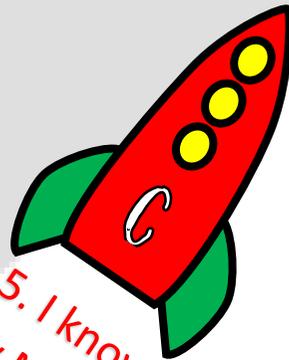
PHASE 2



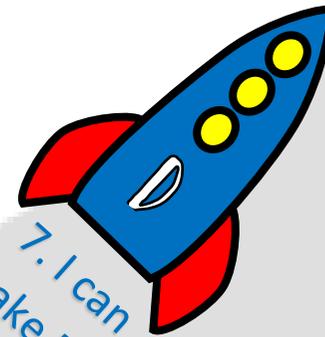
1. I know my small doubles.
2. I use my small doubles to subtract



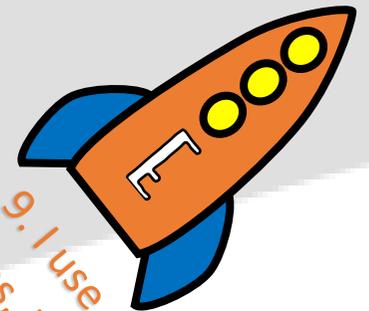
3. I know my 5-Plus Facts
4. I use 5-Plus Facts to subtract



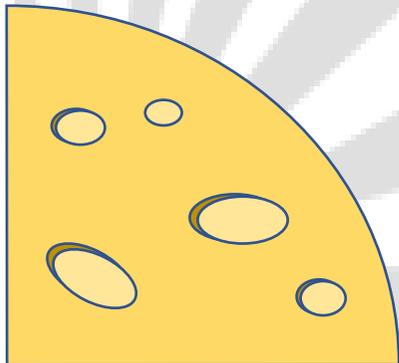
5. I know my Makes-10 Facts
6. I use Makes-10 Facts to Subtract



7. I can make 5 in different ways
8. I can make 6 in different ways



9. I use Doubles, 5-Plus and Makes-10 to add
10. I use Doubles, 5-Plus and Makes-10 to subtract



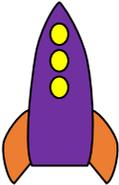
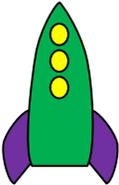
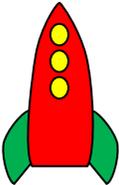
**Topic:** Structuring Numbers Around 5 and 10 for Addition and Subtraction

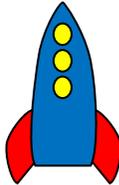
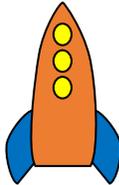
**Learning Intention:** I can solve Small Doubles, 5-Plus and Makes-10 Facts with confidence.



# HOME LEARNING LINK SHEET – ADD & SUBTRACT – PHASE 2 – STRUCTURING NUMBERS AROUND 5 AND 10 FOR ADDITION AND SUBTRACTION

LEARNING INTENTION: I CAN SOLVE SMALL DOUBLES, 5-PLUS AND MAKES-10 FACTS WITH CONFIDENCE

		<u>Follow the QR Code</u>	<u>Date/Notes</u>
	1. I know my small doubles. <a href="https://bit.ly/2Za6mBC">https://bit.ly/2Za6mBC</a>		
	2. I use small doubles to subtract. <a href="https://bit.ly/380pXYL">https://bit.ly/380pXYL</a>		
	3. I know my 5-Plus Facts. <a href="https://bit.ly/2Vf3cer">https://bit.ly/2Vf3cer</a>		
	4. I use 5-Plus Facts to subtract. <a href="https://bit.ly/37zTTV3">https://bit.ly/37zTTV3</a>		
	5. I know my Makes-10 Facts. <a href="https://bit.ly/2Z1CjM8">https://bit.ly/2Z1CjM8</a>		
	6. I use Makes-10 Facts to subtract. <a href="https://bit.ly/2NxcGxm">https://bit.ly/2NxcGxm</a>		

		<u>Follow the QR Code</u>	<u>Date/Notes</u>
	7. I can make 5 in different ways. <a href="https://bit.ly/3ewTKe8">https://bit.ly/3ewTKe8</a>		
	8. I can make 6 in different ways. <a href="https://bit.ly/2Zfbk6C">https://bit.ly/2Zfbk6C</a>		
	9. I use Doubles, 5-Plus and Makes-10 to add <a href="https://bit.ly/3832Lck">https://bit.ly/3832Lck</a>		
	10. I use Doubles, 5-Plus and Makes-10 to subtract <a href="https://bit.ly/2YuoxCS">https://bit.ly/2YuoxCS</a>		

## What is Numeracy Launch Pads?

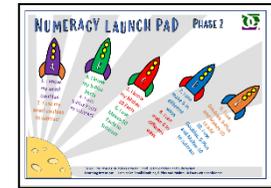
It is a new resource, specially designed in Dumfries and Galloway to support the learning and teaching of Early and First Level Numeracy. Numeracy Launch Pads are designed to enhance approaches already being used across schools and supports both learning in school and learning at home. The resource is available in hard copy, but more importantly is available digitally, with enhanced features which can be accessed through a Smartphone, Tablet, laptop, or PC, to allow learners to continue to practice at home.

## Numeracy Launch Pad Phase 2

The Launch Pad maps out learning at Phase 2.

At this Phase, your child is learning to **build addition and subtraction facts within 10**, without fingers or the need to count.

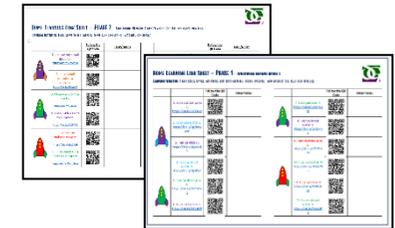
The 10 Success Criteria are designed to rocket your child to success!



## The Home Link Page

The Home Link Page details each Success Criteria, with each Success Criteria having a hyperlink and QR code which will allow you access to the resources at home on any device (*for guidance on using these please see appendix 1*). These hyperlinks and QR codes launch an online learning space containing a short video, Supporting Visuals, and a Task Board.

Your child's school will have highlighted on this Home Link page where extra practice at home will support your child's progress.



## The Video Task

Your child will be familiar with the video tasks as they are used within the classroom.

Play the video, watching and listening as your child responds, taking note where they are most and least confident.

Wait till the end of the video before responding. Be positive and praise areas of confidence, and then spend a little time supporting areas where they were less confident. Encourage your child to have one more go – can they improve second time round?



## The Task Boards and Supporting Visuals

Your child will have brought home a copy of the Task Boards. Each Task board is linked to the Success Criteria and provides an opportunity for further practice. It is wipe-clean so that they can choose different ways to practise the same skill. As your child becomes more confident, start to hide the Supporting Visuals.

Task Board 4	10-3	9-5	8-5	7-5	6-5
10-5	8-5	8-5	8-3	9-5	7-5
10-5	9-4	8-3	7-2	6-1	
7-2	9-5	7-2	8-5	6-5	
8-5	9-4	7-5	9-5	8-3	
C	D	E	F	G	H

## Phase 2 Task Board Games

You will need 2 whiteboard pens (different colours), or 2 sets of counters (2 colours, and 12 of each)

### 3-in-a-Row

2 players

Take turns to choose and solve any number task.

If you answer it correctly, place a counter on that box, or draw a circle round it.

Keep taking turns until one player has 3-in-a-row! The row can be horizontal, vertical, or diagonal.

### Roll and cover

2 players

Take turns to throw the die and solve any number task in the column that matches the die.

If you answer it correctly, place a counter on that box, or draw a circle round it.

If you throw a  , you can choose a task anywhere on the board!

Keep taking turns. The first player to complete a row or a column wins!

### Blockbusters!

2 players – one player must choose to work across the board, and the other must work from top to bottom.

Take turns to choose and solve any number task.

If you answer it correctly, place a counter on that box, or draw a circle round it.

The winner is the player who connects a trail of boxes across the board, or from top to bottom!

## Phase 2 Glossary

**Small Doubles:** When a number is added to itself;  $1+1$ ,  $2+2$ ,  $3+3$ ,  $4+4$ ,  $5+5$ .

**5-Plus Facts:** When a small number is added to 5;  $5+0$ ,  $5+1$ ,  $5+2$ ,  $5+3$ ,  $5+4$ ,  $5+5$ .

**Makes-10 Facts:** Pairs of numbers that make 10 when added;  $10+0$ ,  $9+1$ ,  $8+2$ ,  $7+3$ ,  $6+4$ ,  $5+5$ ,  $4+6$ ,  $3+7$ ,  $2+8$ ,  $1+9$ ,  $0+10$ .

**Partition:** a way of splitting numbers into smaller parts to make them easier to work with.

For example, 6 can be split into 1 and 5, or 4 and 2, etc

*How I feel about my work today.....*



## APPENDIX 1

### Hyperlinks

If you receive this document electronically you can click on the hyperlink (the underlined text in blue) to open the resources digitally.

(A second way to access the resources digitally would be to type the shortened weblinks into your browser)



### QR codes

From both paper and electronic documents QR Codes (Quick Response code – Black and White Square image) can be used to easily open the resources digitally via inbuilt cameras on devices.

IPhones, iPads and ISO devices have a QR code reader built-in to their cameras (activate it in Settings>Camera> Scan QR Codes). For devices using different operating systems the following apps can be installed for free:

QR Code Reader



Lightning QR Scanner



QR Code Reader and Scanner



Open the Camera, or App, and hold your device over the QR Code, the code will be read and you will be asked to allow access to safari or similar. As long as your device has Wi-Fi, or signal and data, the Numeracy Launch Pad will launch digitally – where the enhanced video features will be accessible along with the Supporting Visuals and Task Boards.