

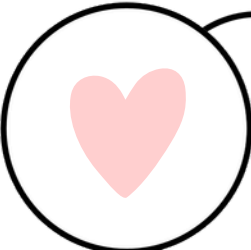
MULTIPLICATION *fast facts* 3

$3 \times 11 = 33$	$3 \times 0 =$	$3 \times 8 =$	$3 \times 0 =$
$3 \times 8 = 24$	$3 \times 9 =$	$3 \times 5 =$	$3 \times 7 =$
$3 \times 6 = 18$	$3 \times 5 =$	$3 \times 11 =$	$3 \times 3 =$
$3 \times 1 = 3$	$3 \times 7 =$	$3 \times 8 =$	$3 \times 12 =$
$3 \times 12 = 36$	$3 \times 3 =$	$3 \times 2 =$	$3 \times 8 =$
$3 \times 4 = 12$	$3 \times 9 =$	$3 \times 12 =$	$3 \times 1 =$
$3 \times 1 = 3$	$3 \times 12 =$	$3 \times 10 =$	$3 \times 6 =$
$3 \times 7 = 21$	$3 \times 1 =$	$3 \times 7 =$	$3 \times 4 =$
$3 \times 12 = 36$	$3 \times 6 =$	$3 \times 9 =$	$3 \times 12 =$
$3 \times 3 = 9$	$3 \times 11 =$	$3 \times 11 =$	$3 \times 9 =$
$3 \times 2 = 6$	$3 \times 4 =$	$3 \times 3 =$	$3 \times 2 =$
$3 \times 10 = 30$	$3 \times 10 =$	$3 \times 7 =$	$3 \times 11 =$
$3 \times 8 = 24$	$3 \times 8 =$	$3 \times 5 =$	$3 \times 7 =$
$3 \times 2 = 6$	$3 \times 2 =$	$3 \times 1 =$	$3 \times 6 =$
$3 \times 5 = 15$	$3 \times 5 =$	$3 \times 6 =$	$3 \times 9 =$
$3 \times 0 = 0$	$3 \times 0 =$	$3 \times 2 =$	$3 \times 8 =$
$3 \times 9 = 27$	$3 \times 9 =$	$3 \times 10 =$	$3 \times 0 =$
$3 \times 6 = 18$	$3 \times 6 =$	$3 \times 4 =$	$3 \times 11 =$
$3 \times 7 = 21$	$3 \times 7 =$	$3 \times 9 =$	$3 \times 10 =$
			$3 \times 5 =$

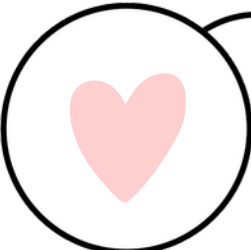
MULTIPLICATION FACT FLUENCY PACK

Keep scrolling to see
what's included!

LOOKING FOR A PROVEN MULTIPLICATION FLUENCY ROUTINE?



Research-backed 4-step
multiplication fluency system



Includes flashcards, games, timed
sprints & progress trackers



Builds multiplication automaticity in
just 10 minutes a day



MULTIPLICATION Mixed facts **G**

X	12	11	7	6	3	9	10	5	2	8
10										
1										
6										
4										
12										

Date: _____ Score: _____

X	5	10	1	11	7	4	3	2	6	12
9										
6										
4										
8										
2										

Date: _____ Score: _____

X	1	2	9	4	8	12	6	11	7	3
5										

INCLUDES ALL THESE AND MORE!

MULTIPLICATION flash cards 1

$1 \times 1 =$

$1 \times 2 =$

$1 \times 3 =$

$1 \times 4 =$

$1 \times 5 =$

$1 \times 6 =$

$1 \times 7 =$

$1 \times 8 =$

$1 \times 9 =$

$1 \times 10 =$

$1 \times 11 =$

$1 \times 12 =$

PRINT BACK TO BACK WITH ANSWER CARDS

60 SECOND SPRINT 2

$2 \times 11 =$	$2 \times 3 =$	$2 \times 10 =$	$2 \times 8 =$
$2 \times 10 =$	$2 \times 4 =$	$2 \times 11 =$	$2 \times 1 =$
$2 \times 2 =$	$2 \times 10 =$	$2 \times 8 =$	$2 \times 4 =$
$2 \times 10 =$	$2 \times 6 =$	$2 \times 12 =$	$2 \times 2 =$
$2 \times 9 =$	$2 \times 1 =$	$2 \times 5 =$	$2 \times 3 =$
$2 \times 7 =$	$2 \times 4 =$	$2 \times 9 =$	$2 \times 12 =$
$2 \times 6 =$	$2 \times 5 =$	$2 \times 2 =$	$2 \times 7 =$
$2 \times 9 =$	$2 \times 7 =$	$2 \times 6 =$	$2 \times 8 =$
$2 \times 1 =$	$2 \times 9 =$	$2 \times 5 =$	$2 \times 6 =$
$2 \times 2 =$	$2 \times 1 =$	$2 \times 3 =$	$2 \times 12 =$

GRID A DATE: _____ SCORE: _____

$2 \times 3 =$	$2 \times 7 =$	$2 \times 3 =$	$2 \times 7 =$
$2 \times 11 =$	$2 \times 3 =$	$2 \times 12 =$	$2 \times 4 =$
$2 \times 9 =$	$2 \times 6 =$	$2 \times 3 =$	$2 \times 10 =$
$2 \times 1 =$	$2 \times 10 =$	$2 \times 5 =$	$2 \times 9 =$
$2 \times 4 =$	$2 \times 8 =$	$2 \times 10 =$	$2 \times 7 =$
$2 \times 2 =$	$2 \times 1 =$	$2 \times 11 =$	$2 \times 5 =$
$2 \times 12 =$	$2 \times 9 =$	$2 \times 8 =$	$2 \times 2 =$
$2 \times 11 =$	$2 \times 12 =$	$2 \times 2 =$	$2 \times 1 =$
$2 \times 9 =$	$2 \times 10 =$	$2 \times 5 =$	$2 \times 9 =$
$2 \times 1 =$	$2 \times 4 =$	$2 \times 3 =$	$2 \times 11 =$

GRID B DATE: _____ SCORE: _____

MULTIPLICATION Mixed facts D

X	9	4	12	7	3	5	11	10	8
2									
8									
5									
11									
6									

Date: _____ Score: _____

X	2	11	7	6	9	3	10	5
1								
10								
6								
12								
4								

Date: _____ Score: _____

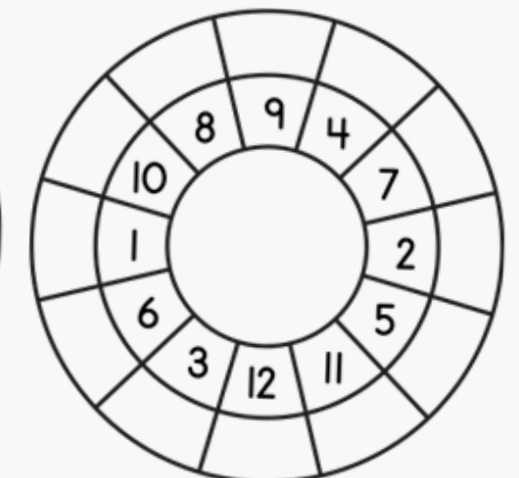
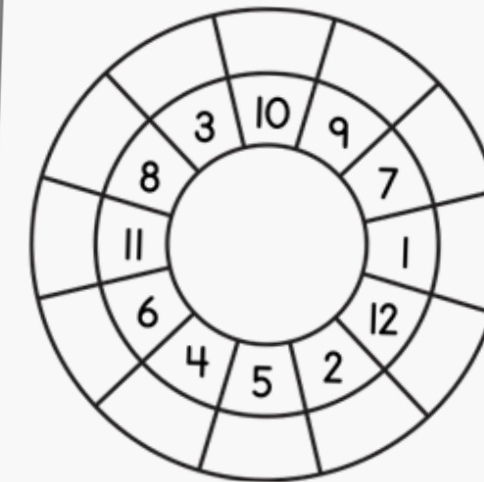
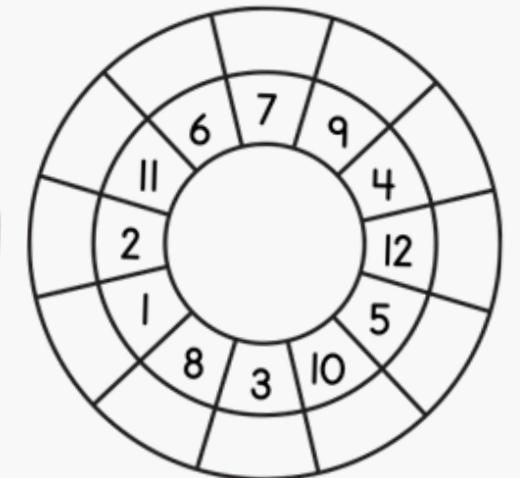
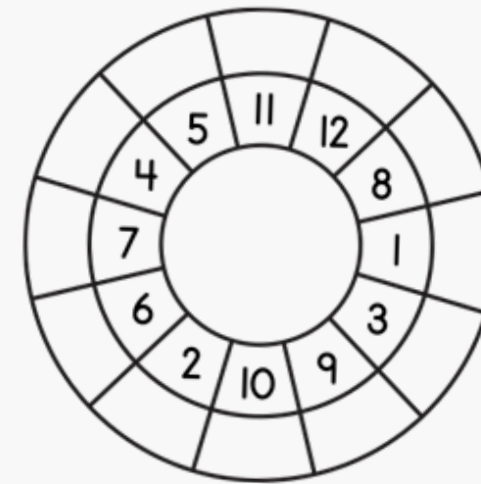
X	11	9	7	5	8	12	6	4
9								
1								
10								
2								
11								

Date: _____ Score: _____

The Sydney Teacher

MULTIPLICATION wheels A

Choose a times table. Write it in the centre, then multiply it by each number in the inner ring. Write your answers in the outer ring.



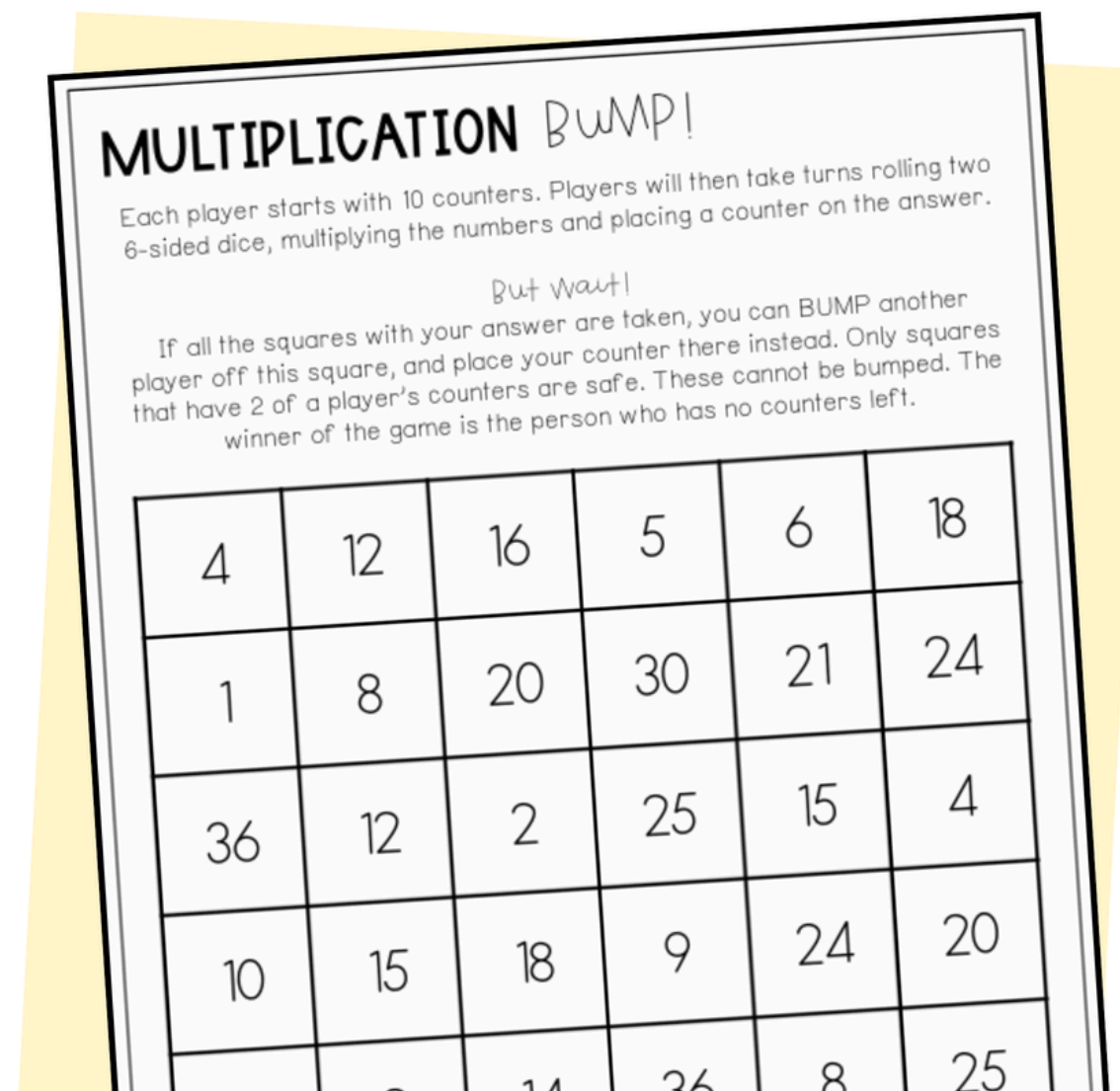
The Sydney Teacher

WHAT'S INCLUDED?



This fluency pack includes:

- Multiplication Flash Cards x1 – x12
- 60 Second Sprint Pages (4 for each x set)
- 6 pages of mixed facts (covering all tables)
- Multiplication BUMP Game
- Multiplication Wheel Templates



WHAT'S INCLUDED?



This fluency pack includes:

- 8 Multiplication Triangle Task Cards
- 8 Multiplication Squares Task Cards
- Answers for all sheets, so students can self mark!
- PLUS a video tutorial walking you through the whole program



HOW DOES THIS WORK?



STEP ONE: SORT (2 MINS)

Flashcards help each student pinpoint exactly which facts they need to practise in their current times table. Cards are double-sided: question on the front, answer on the back.

NAME: _____ TIMES TABLE: _____

SORT YOUR FACTS Sheet

1. Work through your flash cards one by one
2. If you got it right and fast, place it in the 'Nailed It' pile
3. If you were slow or got it wrong, place it in the 'Not Yet' pile
4. Record your scores for each pile in the progress table below
5. Then practise your 'Not Yet' facts using Cover, Copy, Compare

Nailed it

Not yet

Date	'Nailed It' Score	'Not Yet' Score	Total
			12
			12
			12
			12
			12
			12
			12
			12

The Sydney Teacher

HOW DOES THIS WORK?



STEP TWO: PRACTISE (3 MINS)

Using the 3C method, students look at each Not Yet fact, cover the answer, copy it from memory, then compare. Three correct in a row moves a fact to Nailed It.

NAME: _____ DATE: _____ TIMES TABLE: _____

COVER, COPY, COMPARE

1. Write your first 'Not Yet' fact in the 'Look' column (e.g. $6 \times 7 = 42$)
2. Cover the answer with your finger or a piece of paper
3. Write the answer in the first empty box from memory
4. Uncover and check (tick if correct, cross if not)
5. Repeat for the second and third boxes
6. Get 3 in a row? That fact is NAILED, so tick the box!
7. Continue until all the facts in your 'Not Yet' pile have been covered, copied and compared. Skip anything already in your 'Nailed It' pile!

#	Look	Write 1	Write 2	Write 3	3 in a row?
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

HOW DOES THIS WORK?



STEP THREE: SPRINT (1 MIN)

A 60-second timed drill has students answer as many facts from their current times table as they can, recording their score as correct answers per minute (CAPM).

60 SECOND SPRINT 1					NAME: _____
1 × 3 =	1 × 7 =	1 × 11 =	1 × 2 =	1 × 9 =	
1 × 6 =	1 × 1 =	1 × 8 =	1 × 12 =	1 × 4 =	
1 × 10 =	1 × 5 =	1 × 3 =	1 × 6 =	1 × 7 =	
1 × 9 =	1 × 12 =	1 × 2 =	1 × 1 =	1 × 11 =	
1 × 4 =	1 × 8 =	1 × 6 =	1 × 5 =	1 × 3 =	
1 × 11 =	1 × 9 =	1 × 10 =	1 × 7 =	1 × 1 =	
1 × 2 =	1 × 4 =	1 × 9 =	1 × 6 =	1 × 12 =	
1 × 5 =	1 × 10 =	1 × 1 =	1 × 8 =	1 × 3 =	
1 × 7 =	1 × 6 =	1 × 4 =	1 × 11 =	1 × 10 =	
1 × 12 =	1 × 2 =	1 × 9 =	1 × 8 =	1 × 5 =	
GRID A					DATE: _____ SCORE: _____
1 × 7 =	1 × 2 =	1 × 9 =	1 × 4 =	1 × 11 =	
1 × 5 =	1 × 12 =	1 × 6 =	1 × 1 =	1 × 8 =	
1 × 3 =	1 × 9 =	1 × 11 =	1 × 7 =	1 × 2 =	
1 × 1 =	1 × 4 =	1 × 8 =	1 × 12 =	1 × 6 =	
1 × 10 =	1 × 3 =	1 × 5 =	1 × 9 =	1 × 4 =	
1 × 7 =	1 × 11 =	1 × 1 =	1 × 5 =	1 × 12 =	
1 × 8 =	1 × 6 =	1 × 3 =	1 × 10 =	1 × 7 =	
1 × 2 =	1 × 4 =	1 × 12 =	1 × 3 =	1 × 10 =	
1 × 6 =	1 × 8 =	1 × 10 =	1 × 2 =	1 × 5 =	
1 × 11 =	1 × 1 =	1 × 4 =	1 × 6 =	1 × 9 =	
GRID B					DATE: _____ SCORE: _____

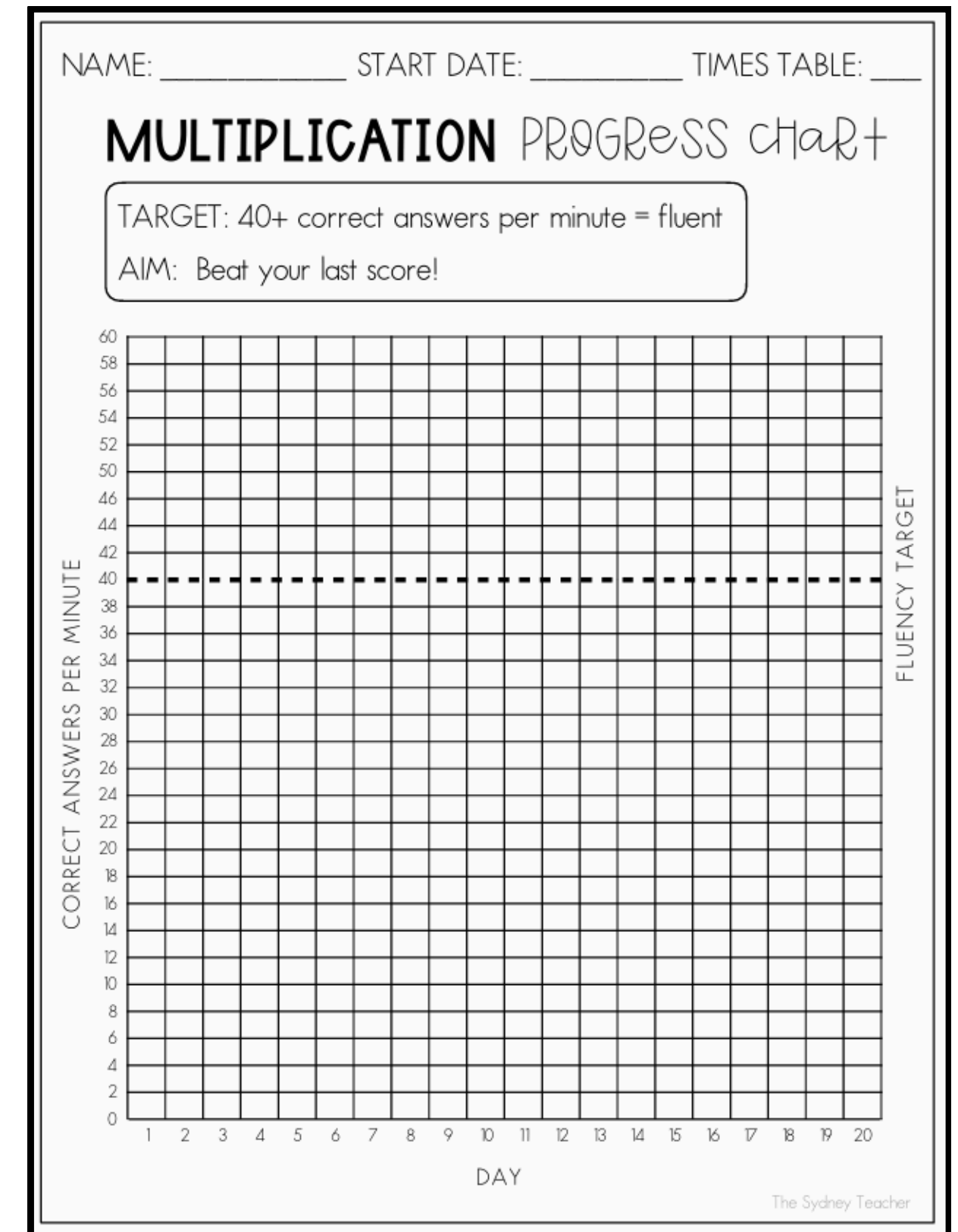
The Sydney Teacher

HOW DOES THIS WORK?



STEP FOUR: TRACK (2 MINS)

Students plot their sprint score on a personal bar graph to watch their progress build over time, working toward the automaticity target of 40 correct answers per minute.



HOW YOU CAN USE THIS RESOURCE



Use for a quick 10-minute daily fluency routine



Target weak multiplication facts with differentiated practice



Track student progress and build automatic recall over time



MULTIPLICATION Puzzle ©

Find the 3 missing numbers.
Numbers on the edge of the triangle are created by multiplying the corner numbers.

MULTIPLICATION SQUARES ©

Arrange the numbers 1-9 in the empty squares below, so that when multiplied, they equal the numbers on the side. Each number can only be used once.

			160
			21
			108
144	10	252	

LOOKING FOR
MORE?

Check this
Multiplication &
Division MEGA
bundle

BUY AND SAVE 20%

YEARS 3-6

MULTIPLICATION & DIVISION MEGA BUNDLE

THE SYDNEY TEACHER

MULTI-DIGIT DIVISION Name: _____

How does it work?
Divide the 'dividend' by the 'divisor' one number at a time from left to right, to find the quotient.

For example: $366 \div 3$

Step 1: Solve $3 \div 3$ Step 2: Solve $6 \div 3$

$3 \overline{)366}$

Solve the following division problems:

A $2 \overline{)246}$

C

60 SECOND SPRINT 2 NAME: _____

$2 \times 11 =$	$2 \times 3 =$	$2 \times 10 =$	$2 \times 8 =$	$2 \times 12 =$
$2 \times 10 =$	$2 \times 4 =$	$2 \times 11 =$	$2 \times 1 =$	$2 \times 5 =$
$2 \times 2 =$	$2 \times 10 =$	$2 \times 8 =$	$2 \times 4 =$	$2 \times 7 =$
$2 \times 10 =$	$2 \times 6 =$	$2 \times 12 =$	$2 \times 2 =$	$2 \times 11 =$
$2 \times 9 =$	$2 \times 1 =$	$2 \times 5 =$	$2 \times 3 =$	$2 \times 8 =$
$2 \times 7 =$	$2 \times 4 =$	$2 \times 9 =$	$2 \times 12 =$	$2 \times 4 =$

SHOW WHAT YOU KNOW! ALGORITHM STRATEGY Name: _____

Use the algorithm strategy to solve the following problems. Show all working out.

A $52 \times 5 =$ B $67 \times 45 =$ C $986 \times 507 =$

200+ PAGES

GRID B DATE: SCORE: