Varied Fluency
Step 1: Make Tally Charts

National Curriculum Objectives:

Mathematics Year 2: (2S1) Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
Mathematics Year 2: (2S2a) Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
Mathematics Year 2: (2S2b) Ask and answer questions about totalling and comparing categorical data

Differentiation:

Developing Questions to support constructing and interpreting tally charts using tallies up to 15 and where questions refer to totalling.
Expected Questions to support constructing and interpreting tally charts using tallies up to 30 and where questions refer to totalling.
Greater Depth Questions to support constructing and interpreting tally charts using tallies up to 30 and where questions refer to totalling, comparing, and using given data to find missing information.

More Year 2 Statistics resources.

Did you like this resource? Don't forget to review it on our website.

Make Tally Charts

Make Tally Charts

1a. Match the tallies to their totals.

A. 卌 IIII

B. III

C. 卌

D. 卌 卌 II

| 5 |
| 12 |
| 9 |
| 3 |

VF

1b. Match the tallies to their totals.

A. 卌 卌

B. 卌 卌 III

C. 卌 III

D. IIII

| 13 |
| 4 |
| 10 |
| 8 |

VF

2a. Complete the tally to match the totals.

Animals	Tally	Total
Cow		11
Hen		6
Pig		14

VF

2b. Complete the tally to match the totals.

Colours	Tally	Total
Pink		7
Red		2
Green		15

VF

3a. Complete the totals to match the tallies.

Pets	Tally	Total
Dog	卌 III	
Cat	卌 卌 卌	
Fish	IIII	

VF

3b. Complete the totals to match the tallies.

Birds	Tally	Total
Crow	卌 IIII	
Robin	卌 卌 II	
Jay	卌	

VF

4a. Beth counted traffic on her street. She saw 15 cars, 7 buses and 4 motorbikes.

Traffic	Tally
Cars	
Buses	
Motorbikes	

Complete the tally chart.

VF

4b. Raj counted animals at the zoo. He saw 14 monkeys, 11 lions and 6 tigers.

Zoo Animals	Tally
Monkey	
Lion	
Tiger	

Complete the tally chart.

VF

Make Tally Charts

5a. Match the tallies to their totals.

A. 卌 卌 卌 IIII

B. 卌 卌 卌 卌 I

C. 卌 卌 III

D. 卌 II

| 21 |
| 13 |
| 7 |
| 19 |

E · VF

Make Tally Charts

5b. Match the tallies to their totals.

A. 卌 IIII

B. 卌 卌 IIII

C. 卌

D. 卌 卌 卌 卌 卌 I

| 5 |
| 26 |
| 14 |
| 9 |

E · VF

6a. Complete the tally to match the totals.

Meals	Tally	Total
Pie		24
Pizza		12
Curry		15
Wraps		6

E · VF

6b. Complete the tally to match the totals.

Toys	Tally	Total
Doll		4
Car		23
Robot		11
Train		17

E · VF

7a. Complete the totals to match the tallies and order the fruits from most to least popular.

Fruit	Tally	Total
Apple	卌 卌 卌 III	
Pear	卌 卌 IIII	
Plum	卌 III	
Banana	卌 卌 卌 卌 卌	

E · VF

7b. Complete the totals to match the tallies and order the sports from least to most popular.

Sports	Tally	Total
Football	卌 卌	
Tennis	卌 卌 卌 卌 卌 II	
Rugby	卌 卌 III	
Hockey	卌 卌 卌 I	

E · VF

8a. Sam did a bug hunt in his garden. He saw 9 worms, 5 beetles, 23 ladybirds and 17 spiders.

Bugs	Tally	Total
Worm		
Spider		
Beetle		
Ladybird		

Complete the tally chart.

E · VF

8b. Malikah did a survey of favourite cakes. 24 liked chocolate, 13 liked lemon, 6 liked coffee and 21 liked cherry.

Cakes	Tally	Total
Chocolate		
Lemon		
Coffee		
Cherry		

Complete the tally chart.

E · VF

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Varied Fluency – Make Tally Charts – Year 2 Expected

Make Tally Charts

9a. Match the tallies to their totals. Complete the missing tally and total.

A. 卌 卌 卌 卌 Ⅲ

B. 卌 卌 卌 卌 卌 卌

C. 卌 卌 卌 Ⅱ

D. [ ]

| 23 |
| [ ] |
| 27 |
| 30 |

9b. Match the tallies to their totals. Complete the missing tally and total.

A. 卌 卌 卌 Ⅲ

B. [ ]

C. 卌 卌 卌 卌 Ⅲ

D. 卌 卌 卌 卌 卌 Ⅲ

| 28 |
| 19 |
| [ ] |
| 24 |

10a. Complete the tallies and totals.
70 children voted altogether.

Ice-cream	Tally	Total
Vanilla		
Mint		18
Chocolate		22
Caramel		21
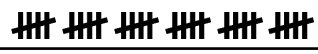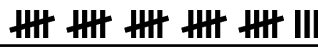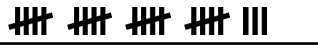
10b. Complete the tallies and totals.
76 children voted altogether.

Name	Tally	Total
Ben		16
Ann		13
Syd		27
Kem		
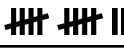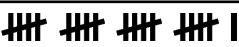
11a. Complete the totals to match the tallies and order the totals from highest to lowest, making Winter the least popular.

Seasons	Tally	Total
Spring	卌 卌 卌 卌 卌 卌	
Summer	卌 卌 卌 卌 卌 Ⅲ	
Autumn	卌 卌 卌 卌 Ⅲ	
Winter		

11b. Complete the tally chart and order the totals from highest to lowest making May the second popular month.

Months	Tally	Total
April	卌 卌 Ⅱ	
May		
June	卌 卌 卌 卌 卌 Ⅰ	
July	卌 卌 卌 卌 Ⅰ	

12a. Tom counted 77 trees in the park. He saw 16 beech, 24 ash, 26 birch trees and the rest were oak trees.

Complete the tally chart.

12b. Uma asked 60 children their favourite sport. 21 chose swimming, 24 chose football, 12 chose cycling and the rest chose running.

Complete the tally chart.

Varied Fluency
Make Tally Charts

Developing

1a. A = 9; B = 3; C = 5; D = 12

2a.

Animals	Tally	Total
Cow	卌 卌 |	11
Hen	卌 |	6
Pig	卌 卌 ||||	14

3a. Dog = 8; Cat = 15; Fish = 4

4a.

Traffic	Tally
Cars	卌 卌 卌
Buses	卌 ||
Motorbikes	||||

Expected

5a. A = 19; B = 21; C = 13; D = 7

6a.

Meals	Tally	Total
Pie	卌 卌 卌 卌 ||||	24
Pizza	卌 卌 ||	12
Curry	卌 卌 卌	15
Wraps	卌 |	6

7a. Banana= 25; Apple = 18;
Pear = 14; Plum = 8

8a.

Bugs	Tally	Total
Worm	卌 ||||	9
Spider	卌 卌 卌 ||	17
Beetle	卌	5
Ladybird	卌 卌 卌 卌 |||	23

Greater Depth

9a. A = 23; B = 30; C = <u>17</u>;
D = [卌 卌 卌 卌 卌 \|\|] 27

10a.

Ice-cream	Tally	Total
Vanilla	卌 ||||	9
Mint	卌 卌 卌 |||	18
Chocolate	卌 卌 卌 卌 ||	22
Caramel	卌 卌 卌 卌 |	21

Developing

1b. A = 10; B = 13; C = 8; D = 4

2b.

Colours	Tally	Total
Pink	卌 ||	7
Red	||	2
Green	卌 卌 卌	15

3b. Crow = 9; Robin = 12; Jay = 5

4b.

Zoo Animals	Tally
Monkey	卌 卌 ||||
Lion	卌 卌 |
Tiger	卌 |

Expected

5b. A = 9; B = 14; C = 5; D = 26

6b.

Meals	Tally	Total
Doll	||||	4
Car	卌 卌 卌 卌 |||	23
Robot	卌 卌 |	11
Train	卌 卌 卌 ||	17

7b. Football = 10; Rugby = 13;
Hockey = 16; Tennis = 27

8b.

Cakes	Tally	Total
Chocolate	卌 卌 卌 卌 ||||	24
Lemon	卌 卌 |||	13
Coffee	卌 |	6
Cherry	卌 卌 卌 卌 |	21

Greater Depth

9b. A = 19; B = [卌 卌 卌 卌 卌 \|\|\|] 28;
C = 24; D = <u>29</u>

10b.

Name	Tally	Total
Ben	卌 卌 卌 |	16
Ann	卌 卌 |||	13
Syd	卌 卌 卌 卌 卌 ||	27
Kem	卌 卌 卌 卌	20

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Varied Fluency – Make Tally Charts ANSWERS

Greater Depth

11a. Spring = 30; Summer = 28;
Autumn = 23; Winter = a number below 23

12a.

Trees	Tally	Total
Beech	ЖЖ ЖЖ ЖЖ I	16
Ash	ЖЖ ЖЖ ЖЖ ЖЖ IIII	24
Birch	ЖЖ ЖЖ ЖЖ ЖЖ ЖЖ I	26
Oak	ЖЖ ЖЖ I	11

Greater Depth

11b. June = 26; May = a number between
22 and 25; July = 21; April = 12

12b.

Sports	Tally	Total
Swimming	ЖЖ ЖЖ ЖЖ ЖЖ I	21
Football	ЖЖ ЖЖ ЖЖ ЖЖ IIII	24
Cycling	ЖЖ ЖЖ II	12
Running	III	3

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