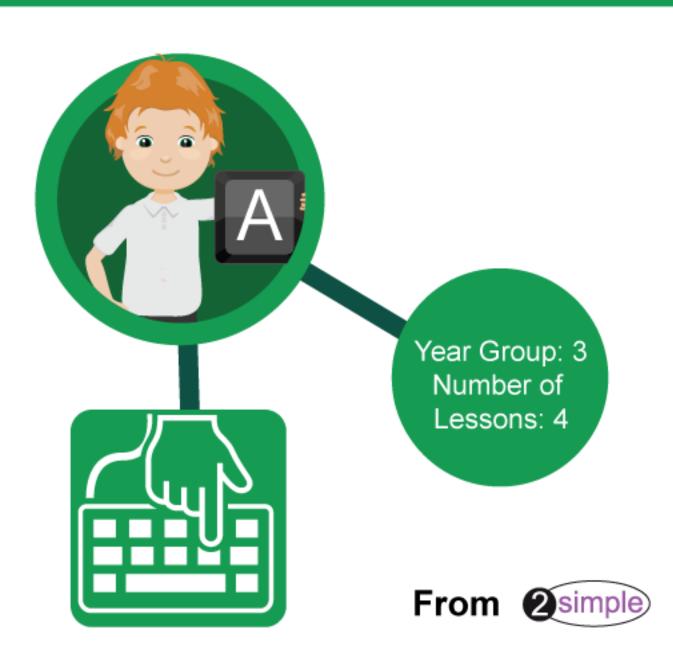


Computing Scheme of Work



Unit 3.4 – Touch-typing





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Introduction

This unit of work uses 2Type and is designed to help the children learn the basics of quick and efficient typing.

Typing, as with handwriting, needs regular practice and although the unit will give the children a basic understanding regular and consistent practice is needed over the next 4 years to ensure typing skills develop. As well as the activities suggested in these plans there are numerous other activities for the children to access

As with handwriting, some children will find learning to type easier than others. For this reason, you may need to adapt the pace of the lessons.

2Type is designed to be used with a keyboard. The new version on 2Type will also work on mobile devices.

Medium Term Plan

Lesson	Aims	Success Criteria
1	 To introduce typing terminology. Understand the correct way to sit at the keyboard. To learn how to use the home, top and bottom row keys. 	 To understand the names of the fingers. To understand what is meant by – home, bottom, and top rows. Developed ability to touch type the home, bottom, and top rows.
<u>2</u>	To practice and improve typing for home, bottom and top rows.	I can use two hands to type the letters on the keyboard
<u>3</u>	To practice the keys typed with the left hand.	I can touch type using my left hand
<u>4</u>	To practice the keys typed with the right hand.	I can touch type using my right hand







Aims

- To introduce typing terminology.
- Understand the correct way to sit at the keyboard.
- To learn how to use the home, top and bottom row keys.

Success criteria

- To understand the names of the fingers.
- To understand what is meant by home, bottom, and top rows.
- Developed ability to touch type the home, bottom, and top rows.

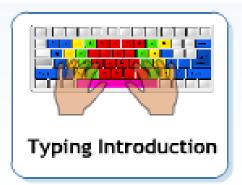
Resources

Unless otherwise stated, all resources can be found on the <u>main 2Type page</u>. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you don't lose this page.

- 2Type (https://www.purplemash.com/#tab/2type2)
- 2Type key point posters from Appendix 1
- Lesson 1 Worksheet 1

Activities

- 1. Share the learning objectives and success criteria
- 2. Explain that over the next few weeks the children will be learning basic skills to make them quicker and more efficient typists.
- 3. Before the lesson, show children the posture tips and introduction to typing in 2Type. These can be found on the 2Type home screen. At the end of the unit planning (appendix 1) the key points have been made into posters that can be enlarged and displayed around the classroom.











Purple Mash Computing Scheme of Work Unit 3.4 – Touch Typing – Lesson 1

- 4. Over the course of the lesson the children will learn to type
 - Home row keys
 - Bottom row keys
 - Top row keys
- 5. You will need to show the children how to choose the correct file.
- 6. Timings for each activity all have a default but can be changed. It's important a child uses the same timings to ensure accuracy of keeping scores.
- 7. Stress to the children that they need to make sure they use the correct finger as indicated at the bottom of the screen.
- 8. The children will work through the various activities **home row**, **bottom row** and **top row** keys. Each of the activities is designed to be worked through a few times to develop skills. It is advised to split the lesson into 3 x 20 minute sections.

HOME ROW KEYS

1 – Home Row Keys



https://www.purplemash.com/#app/tools/2type0_HomeRowKeys

2 – Home Row Keys



https://www.purplemash.com/#app/tools/2type0_Exercise1Lesson

3 – Home Row Keys



https://www.purplemash.com/#app/tools/2type3 Exercise1Lesson

BOTTOM ROW KEYS

1 – Bottom Row Keys



https://www.purplemash.com/#app/tools/2type0 BottomRowKey

2 – Bottom Row Keys



https://www.purplemash.com/#app/tools/2type0 2BottomRowKey







3 – Bottom Row Keys



https://www.purplemash.com/#app/tools/2type3 Bottomrowkeys

TOP ROW KEYS

1 – Top Row Keys



https://www.purplemash.com/#app/tools/2type0 TopRowKeys

2 – Top Row Keys



https://www.purplemash.com/#app/tools/2type0 2TopRowKeys

3 - Top Row Keys



https://www.purplemash.com/#app/tools/2type3_Toprowkeys

- 9. As the children work though the activities, they can record their scores on the <u>worksheet</u>. This will give you evidence about how well the children have done.
- 10. At the end of the lesson bring the class together. How many children found their score increased on their second go? What did they find difficult?
- 11. Encourage the children to log onto Purple Mash at home and practice the work from today. You may want to set a 2do. The more they practice then the quicker they will become.









Aims

• To practice and improve typing for home bottom and top rows.

Success criteria

• I can use two hands to type the letters on the keyboard.

Resources

Unless otherwise stated, all resources can be found on the <u>main 2Type page</u>. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you don't lose this page.

- 2Type (https://www.purplemash.com/#tab/2type2)
- Lesson 2 Worksheet 1

Activities

- 1. Share the learning objectives and success criteria. Recap the learning from the last lesson.
- 2. If appropriate ask how many children used 2Type at home to practice their typing skills.
- 3. Remind the children the correct way to sit and which fingers should be used on each key. The animation at the bottom of each activity will help them
- 4. Practice the introduction activities from last lesson. This will remind the children what fingers to use on which key.

HOME ROW KEYS

1 – Home Row Keys



https://www.purplemash.com/#app/tools/2type0 TopRowKeys

2 - Home Row Keys



https://www.purplemash.com/#app/tools/2type0 Exercise1Lesson







BOTTOM ROW KEYS

1 – Bottom Row Keys



https://www.purplemash.com/#app/tools/2type0_BottomRowKey

2 – Bottom Row Keys



https://www.purplemash.com/#app/tools/2type0 2BottomRowKey

TOP ROW KEYS

1 – Top Row Keys



https://www.purplemash.com/#app/tools/2type0 TopRowKeys

2 – Top Row Keys



https://www.purplemash.com/#app/tools/2type0 2TopRowKeys

5. For this lesson, the children will consolidate the skills from the last lesson. Ask the children to work through the following activities and then record their scores on the <u>worksheet</u>.

MIXED KEYS

1 – Home and Top Keys



https://www.purplemash.com/#app/tools/2type3 Exercise3Letters

2 – Home and Bottom Keys



https://www.purplemash.com/#app/tools/ 2type3 home and bottom k eys

3 – Home, Top and Bottom Keys



https://www.purplemash.com/#app/tools/ 2type3 home top bottom k eys







Aims

• To practice the keys typed with the left hand

Success criteria

I can touch type using my left hand

Resources

Unless otherwise stated, all resources can be found on the <u>main 2Type page</u>. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you don't lose this page.

- 2Type (https://www.purplemash.com/#tab/2type2)
- Lesson 3 Worksheet 1

Activities

- 1. Share the learning objectives and success criteria. Recap the learning from the last lesson.
- 2. Explain that this week the children will be moving on from typing letters to typing 'words' with their left hand.
- 3. Remind the children the correct way to sit and which fingers should be used on each key. The animation at the bottom of each activity will help them.
- 4. Ask the children to work through the teaching activities for the left hand

LEFT LITTLE FINGER

Left little finger



https://www.purplemash.com/#app/tools/2type0_LeftLittleFinger

Left little finger words



https://www.purplemash.com/#app/tools/2type0_LeftLittleFingerWords







LEFT THIRD FINGER

Left third finger



https://www.purplemash.com/#app/tools/2type0_LeftThirdFinger

Left third finger words



https://www.purplemash.com/#app/tools/2type0_LeftThirdFingerWords

LEFT MIDDLE FINGER

Left middle finger



https://www.purplemash.com/#app/tools/2type0_LeftMiddleFinger

Left middle finger words



https://www.purplemash.com/#app/tools/2type0 LeftMiddleFingerWords

LEFT INDEX FINGER

Left index finger



https://www.purplemash.com/#app/tools/2type0_LeftIndexFinger

Left index finger words



https://www.purplemash.com/#app/tools/2type0_LeftIndexFingerWords

5. If time allows then the children can consolidate the work learnt in the lesson by completing the activity –

Left hand keys - https://www.purplemash.com/#app/tools/2type3 Lefthandkeys









Aims

• To practice the keys typed with the right hand

Success criteria

• I can touch type using my right hand

Resources

- 2Type (https://www.purplemash.com/#tab/2type2)
- Lesson 4 Worksheet 1

Activities

- 1. Share the learning objectives and success criteria. Recap the learning from the last lesson.
- 2. Explain that this week the children will be moving on using their right hand to type not just letters but 'words'.
- 3. Remind the children the correct way to sit and which fingers should be used on each key. The animation at the bottom of each activity will help them.
- 4. Ask the children to work through the teaching activities for the right hand.

RIGHT LITTLE FINGER

Right little finger



https://www.purplemash.com/#app/tools/2type0 RightLittleFinger

Right little finger words



https://www.purplemash.com/#app/tools/2type0_RightLittleFingerWords







RIGHT THIRD FINGER

Right third finger



https://www.purplemash.com/#app/tools/2type0_RightThirdFinger

Right third finger words



https://www.purplemash.com/#app/tools/2type0 RightThirdFingerWords

RIGHT MIDDLE FINGER

Right middle finger



https://www.purplemash.com/#app/tools/2type0_RightMiddleFinger

Right middle finger words



https://www.purplemash.com/#app/tools/ 2type0 RightMiddleFingerWords

RIGHT INDEX FINGER

Right index finger



https://www.purplemash.com/#app/tools/2type0_RightIndexFinger

Right index finger words



https://www.purplemash.com/#app/tools/ 2type0 RightIndexFingerWords

 If time allows then the children can consolidate the work learnt in the lesson by completing the activity –

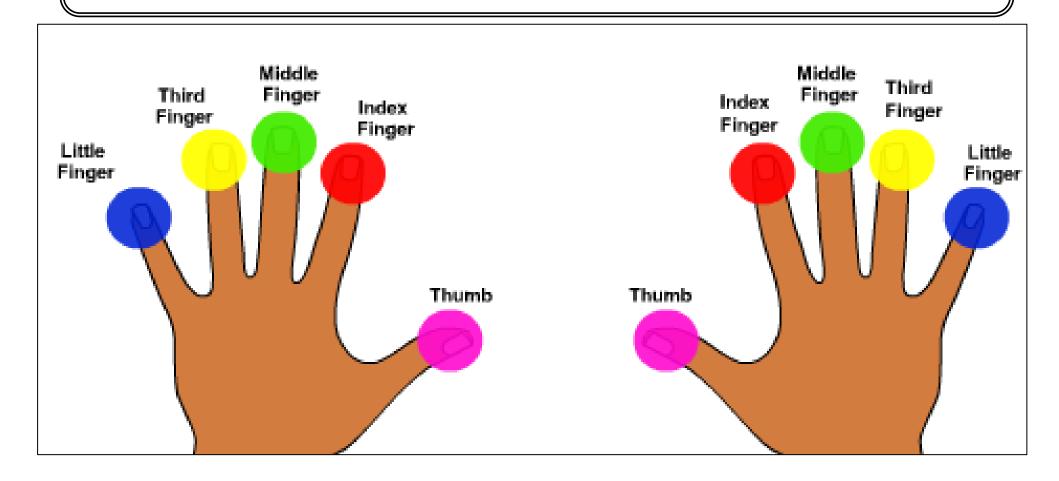
Right hand keys - https://www.purplemash.com/#app/tools/2type3_Righthandkeuswords







FINGERS AND THEIR NAMES

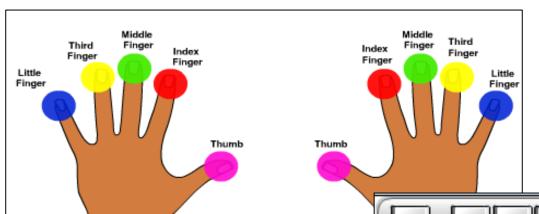








FINGERS AND THE KEYBOARD



Look at the colours so you can work out which finger to use when you type a key

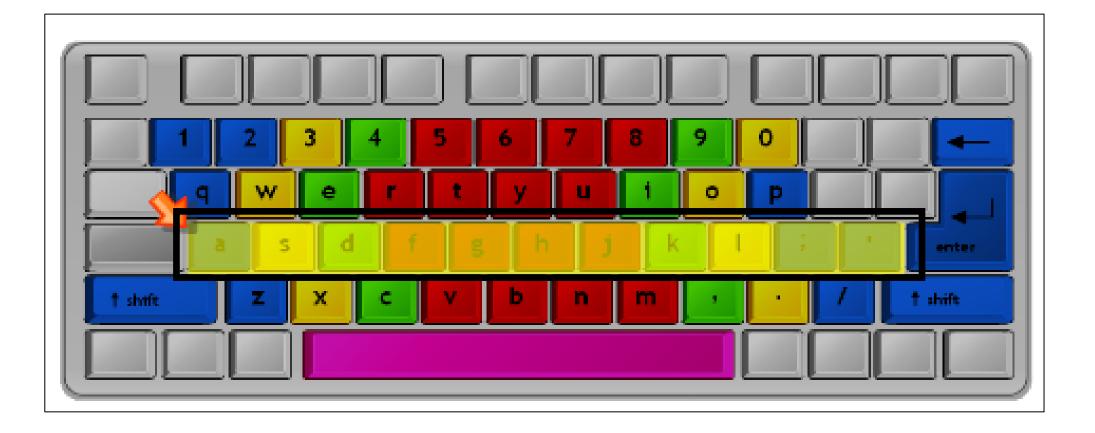








HOME ROW KEYS









TOP ROW KEYS









BOTTOM ROW KEYS









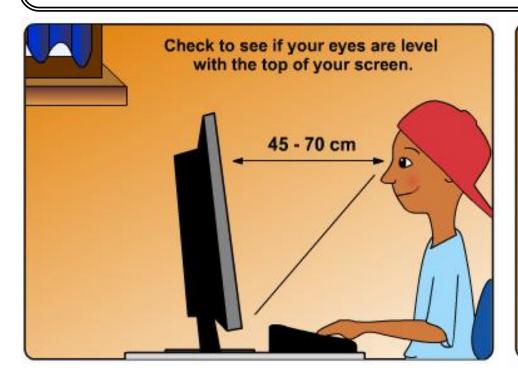
SPACE BAR – USE YOUR THUMBS







CORRECT POSTURE











Name			Date
Home Row Keys			
(My game duration for e	ach attempt is set to)	
1 – Home Row Keys 2 – Home Row Keys		Home Row Keys	
Attempt 1	Attempt 1		Total Score =
Attempt 2	Attempt 2		
			_
Bottom Row Keys	5		
(My game duration for e	ach attempt is set to)	
1 – Bottom Row Keys	2 – Bottom Row Ke	eys	Bottom Row Keys
Attempt 1	Attempt 1		Total Score =
Attempt 2	Attempt 2		
1			
Top Row Keys			
(My game duration for e	ach attempt is set to)	
1 – Top Row Keys	2 – Top Row Keys		Top Row Keys
Attempt 1	Attempt 1		Total Score =
Attempt 2	Attempt 2		
Which activities	do I need to practice?		





Name	Da	ate	
MIXED KEYS		Score	
(My game duration for each attempt is set to	_)		
1 – Home and Top Keys			
2 – Home and Bottom Keys			
3 – Home, Top and Bottom Keys			
Which activities do I need to practice?			





Name	Date
Naiic	Date

Left Little Finger	Left Little Finger Words	
(game duration for each attempt is set to) (game duration for each attempt is set to	
Attempt 1	Attempt 1	
(Score)	(Score)	
Attempt 2	Attempt 2	
(Score)	(Score)	
Left Third Finger	Left Third Finger Words	
(game duration for each attempt is set to	(game duration for each attempt is set to)	
Attempt 1	Attempt 1	
(Score)	(Score)	
Attempt 2	Attempt 2	
(Score)	(Score)	
Left Middle Finger	Left Middle Finger Words	
Left Middle Finger (game duration for each attempt is set to	Left Middle Finger Words (game duration for each attempt is set to)	
(game duration for each attempt is set to	(game duration for each attempt is set to)	
(game duration for each attempt is set to Attempt 1	(game duration for each attempt is set to) Attempt 1	
(game duration for each attempt is set to Attempt 1 (Score)	(game duration for each attempt is set to) Attempt 1 (Score)	
(game duration for each attempt is set to	(game duration for each attempt is set to) Attempt 1 (Score) Attempt 2	
(game duration for each attempt is set to	(game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score)	
(game duration for each attempt is set to	(game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score) Left Index Finger Words	
(game duration for each attempt is set to	(game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score) Left Index Finger Words (game duration for each attempt is set to)	
(game duration for each attempt is set to	(game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score) Left Index Finger Words (game duration for each attempt is set to) Attempt 1	



Name _	 Date

Diabet itale Finance	Dielet Little Finnen Monde
Right Little Finger	Right Little Finger Words
(game duration for each attempt is set to) (game duration for each attempt is set to)	
Attempt 1	Attempt 1
(Score)	(Score)
Attempt 2	Attempt 2
(Score)	(Score)
Right Third Finger	Right Third Finger Words
(game duration for each attempt is set to	_) (game duration for each attempt is set to)
Attempt 1	Attempt 1
(Score)	(Score)
Attempt 2	Attempt 2
(Score)	(Score)
Right Middle Finger	Right Middle Finger Words
Right Middle Finger (game duration for each attempt is set to	Right Middle Finger Words _) (game duration for each attempt is set to)
(game duration for each attempt is set to	_) (game duration for each attempt is set to)
(game duration for each attempt is set to Attempt 1	_) (game duration for each attempt is set to) Attempt 1
(game duration for each attempt is set to Attempt 1 (Score)	_) (game duration for each attempt is set to) Attempt 1 (Score)
(game duration for each attempt is set to Attempt 1 (Score) Attempt 2	_) (game duration for each attempt is set to) Attempt 1 (Score) Attempt 2
(game duration for each attempt is set to Attempt 1 (Score) Attempt 2 (Score)	_) (game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score)
(game duration for each attempt is set to Attempt 1 (Score) Attempt 2 (Score) Right Index Finger	_) (game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score) Right Index Finger Words
(game duration for each attempt is set to	_) (game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score) Right Index Finger Words _) (game duration for each attempt is set to)
(game duration for each attempt is set to	_) (game duration for each attempt is set to) Attempt 1 (Score) Attempt 2 (Score) Right Index Finger Words _) (game duration for each attempt is set to) Attempt 1



Assessment Guidance

The unit overview for year 1 contains details of national curricula mapped to the Purple Mash Units. The following information is an exemplar of what a child at an expected level would be able to demonstrate when completing this unit with additional exemplars to demonstrate how this would vary for a child with emerging or exceeding achievements.

	Assessment Guidance
Emerging	
Expected	Development of Skills from KS1- Children have developed their touch-typing skills and understand how to touch type using the home, bottom and top row keys using both hands. Children can apply these skills to all units.
	Most children will be able to reflect upon how successful they have been with their typing skills and are able to compare their current progress against previous (Unit 3.4 All lessons).
Exceeding	

