

Framework for Learning from Home – Year 4 Term 3 Week 5 2021

For some of the activities below you may need your parents help. Show each completed activity to your parents to check and upload to Seesaw if required.

以下的一些活动你也许需要你父母的帮助.记得给你的父母展示你完成的活动,并且让他们检查,如果需要的话请上传到Seesaw.

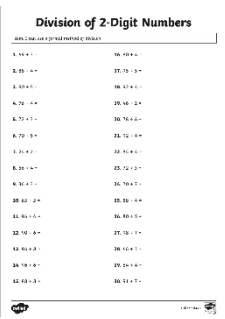

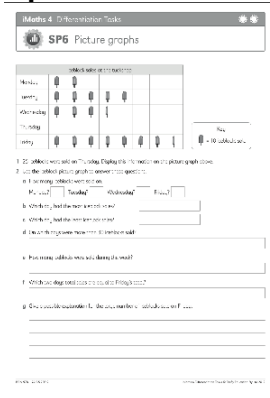
	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
Session 1 第一阶段	<p>Fitness: Follow Mr Smith and participate to improve your fitness 健身运动: 跟随Mr Smith一起参与锻炼, 提高自己的身体素质</p> <p>https://www.youtube.com/watch?v=dYw2dLznFw0</p> <p>English 英语 Reading 阅读 Comprehension: 1.Read and listen to the slides. 2.Read the short text and answer the questions. 阅读理解: 1. 阅读并且听幻灯片 2. 阅读短文并且回答问题.</p>	<p>Fitness: Follow Mr Smith and participate to improve your fitness 健身运动: 跟随Mr Smith一起参与锻炼, 提高自己的身体素质</p> <p>https://www.youtube.com/watch?v=PAMHaUdmNb4</p> <p>English 英语 Writing: 写作: Persuasive letter 1.Read the persuasive letter to Mr Steed from Yr 4 2.Complete the table</p>	<p>Fitness: Follow Mr Smith and participate to improve your fitness 健身运动: 跟随Mr Smith一起参与锻炼, 提高自己的身体素质</p> <p>https://www.youtube.com/watch?v=ll-5seqtXml</p> <p>English 英语 Reading Comprehension: 阅读理解 Listen to BTN. 聆听BTN上的音频. https://www.abc.net.au/btn/classroom/covid-update/13446354 Answer the questions.</p>	<p>Fitness: Follow Mr Smith and participate to improve your fitness 健身运动: 跟随Mr Smith一起参与锻炼, 提高自己的身体素质</p> <p>https://www.youtube.com/watch?v=qa3cHK-0V_g</p> <p>English 英语 Writing: 写作: Persuasive letter Independent writing 1.Continue your persuasive letter to convince Mr Steed that your class should have more than one zoom session per week. 2. Check your writing by</p>	<p>Fitness: Follow Mr Smith and participate to improve your fitness 健身运动: 跟随Mr Smith一起参与锻炼, 提高自己的身体素质</p> <p>https://www.youtube.com/watch?v=O-MQf2rTOCM</p> <p>English 英语 Reading: 阅读: Reading for Fun: Choose *Your own book *in2Era www.in2Era.com.au Username: hurstville Password: hurstville</p>

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
	<p>Upload to Seesaw 上传到Seesaw.</p> <p>Spelling: 拼写: Go to Sound Waves Online and access Unit 23: 登录Sound Waves并且进入第23单元 www.soundwaveskids.com.au</p> <p>Password: stir680 密码: stir680</p> <ul style="list-style-type: none"> Copy spelling words into your book Create a new column to record your spelling words again. This time remember to look, cover and then write each word. Check to make sure you have spelt your words correctly. Choose one of the games on Sound Waves to practise 	<p>*What is the topic? *Who wrote it? *Who is the audience? *Is it written or spoken? 3. Study the structure of the letter 4. Highlight the emotive language in the letter 5. Complete questions on sheet 5 min Share answers 6. Joint construction of first paragraph to Mr Steed.</p> <p>具说服力的信 1. 阅读4年级给Mr.Steed写的有说服力的信 2. 完成表格 *主题是什么? *是谁写的? *谁是观众? *是书面的还是口头的? 3. 研究字母的结构 4. 找出并强调信中的具有情绪化的语言 5. 完成所有的问题 分享答案 6. 联合创造并写出信的第一段给Mr. Steed.</p> <p>Upload to Seesaw.</p>	<p>回答问题.</p> <p>The answers will help you with your letter writing for Thursday.</p> <p>这个答案会有助于你完成周四写信的作业.</p> <p>Upload to Seesaw. 上传到Seesaw.</p> <p>Spelling: 拼写: Online and access Unit 23: 登录进入第23单元: www.soundwaveskids.com.au</p> <p>Complete page 2 of Unit 23. (page attached) 完成第23单元的第2页. (附页)</p> <p>Upload to Seesaw. 上传到Seesaw.</p> <p>Optional Choose one of the games on Sound Waves to practise your spelling words. 可选的活动:</p>	<p>using the rubric. *Is the letter structure correct? *Do I have arguments with elaboration or reasons? *Do I have emotive language? *Do I have correct spelling and punctuation?</p> <p>具有说服力的信 独立写作 1. 继续写有说服力的信, 说服Mr.Steed, 你的班级应该每周有一个以上的zoom会议。 2. 使用以下标准来检查你的写作。 *字母结构是否正确? *我有没有详细阐述我的理由或论点吗? *我有表达情绪的语言吗? *我有正确的拼写和使用标点符号吗?</p> <p>Upload to Seesaw. 上传到Seesaw.</p> <p>Spelling: 拼写:</p>	<p>*Storyline online YouTube</p> <p>可选的:选择 让你开心的阅读 20分钟 *你自己的书 *in2Era www.in2era.com.au Username: hurstville Password: hurstville 用户名: hurstville 密码: hurstville *在YouTube上观看故事线 (storyline)</p> <p>1) Write the title and author of the book. 2) Draw something interesting from your story. 3) Describe your image in one sentence.</p> <p>1) 写出作者的名字和书名 2) 绘画出故事中一些有趣的片段或者事情 3) 用一句话描述你的图画.</p> <p>Upload to Seesaw.</p> <p>上传到Seesaw.</p> <p>Language/Vocabulary:</p>

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
	<p>your spelling words.</p> <ul style="list-style-type: none"> •将拼写单词复制到你的书中 •创建新的一列，然后再次记录你的拼写单词。这一次记得先看，盖住，然后再写下每个字。 •检查以确保你的拼写正确。 •选择SoundWaves上的一个游戏来练习你的拼写单词。 <p>Upload to Seesaw. 上传到Seesaw.</p>	<p>上传到Seesaw.</p> <p>Spelling: 拼写: Online and access Unit 23: 登录网站并且进入第23单元: www.soundwaveskids.com.au</p> <p>Complete page 1 of Unit 23. (page attached) 完成第23单元的第一页(附页)</p> <p>Upload to Seesaw. 上传到Seesaw.</p> <p>Optional Choose one of the games on Sound Waves to practise your spelling words. 可选活动: 选择Sound Waves上的一个游戏来练习你的拼写单词.</p>	<p>选择SoundWaves上的一个游戏来练习你的拼写单词.</p>	<p>Online and access Unit 23: 登录SoundWaves并且进入第23单元: www.soundwaveskids.com.au</p> <p>Upper and Lower Write your spelling words in uppercase and then in lowercase. Eg. CAT cat 大写和小写 将你的拼写单词写出大写和小写. 比如: CAT 和 cat.</p> <p>Upload to Seesaw. 上传到Seesaw.</p> <p>Optional Choose one of the games on Sound Waves to practise your spelling words.</p> <p>可选择的活动 选择SoundWaves上的一个游戏来练习你的拼写单词.</p> <p>Upload to Seesaw. 上传到Seesaw.</p>	<p>语言/词汇: Revision: Persuasive Letter 复习: 具有说服力的信</p> <p>*Complete the reverse cloze activity on Mr Steed's letter written by Yr 4 *Complete the two vocabulary cline activities</p> <p>*完成4年纪给Mr.Steed写的信的反向 cloze 的活动 *完成两个词汇线的作业.</p> <p>Upload to Seesaw. 上传到Seesaw.</p>

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
		<p>Upload to Seesaw. 上传到Seesaw.</p> <p>Optional: Choose 可选活动:选择 Reading for Fun 20m *Your own book *In2Era 让你开心的阅读 20分钟 *你自己的书 *In2Era</p> <p>www.in2era.com.au Username: hurstville Password: hurstville 用户名: hurstville 密码: hurstville *Storyline *故事线 online YouTube 在YouTube上观看</p> <p>Upload to Seesaw if you wish. 上传到Seesaw.</p>		<p>Optional: Choose Reading for Fun 20m *Your own book *in2Era 可选的:选择 让你开心的阅读 20分钟 *你自己的书 *in2Era www.in2era.com.au Username: hurstville Password: hurstville 用户名: hurstville 密码: hurstville</p> <p>*Storyline online YouTube *在YouTube上观看故事线 (storyline).</p> <p>Upload to Seesaw if you wish. 上传到Seesaw.</p>	
Break 休息	Break (30 mins) Eat & Play 休息 (30分钟) 吃和玩	Break (30 mins) Eat & Play 休息 (30分钟) 吃和玩	Break (30 mins) Eat & Play 休息 (30分钟) 吃和玩	Break (30 mins) Eat & Play 休息 (30分钟) 吃和玩	Break (30 mins) Eat & Play 休息 (30分钟) 吃和玩

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
<p>Session 2 第二阶段</p>	<p>Mathematics 数学</p>  <p>Log into iMaths 4 登录iMaths 4</p> <p>and go into games to warm up your multiplication skills with numbers, 2,3,4 and 5. 并且进入到游戏界面去练习数字2,3,4和5的乘法技巧.</p> <p>Next complete the 2 attached Worksheets practising counting by 2s,3s,5s and 10s. 然后完成这个表格末附带的2个作业纸,练习以2倍,3倍,5倍和10倍的数数.</p>  <p>Extension: Complete the</p>	<p>Mathematics 数学</p>  <p>Log into iMaths 4, 登陆iMaths4</p> <p>games, number charge and warm up your multiplication skills with numbers up to 10. Next complete the attached worksheet practising multiplication with numbers 4,6,8 and 9. 在游戏中选择 'number charge'开始复习到数字10的乘法技巧. 然后完成用4,6,8和9的乘法练习纸.</p>  <p>Optional: Two digit division</p>	<p>Wellbeing Wednesday 健康周三 12:00-1:10</p> <ul style="list-style-type: none"> Go for a walk with a family member Do something for a family member – you could help make lunch, tidy part of the house or fold the washing Learn a new skill such as origami or juggling (you can use objects such as rolled up socks) <ul style="list-style-type: none"> 与家人一起散步 为家庭成员做点什么-你可以帮助他们做午餐,整理房子或叠衣服 学习折纸或杂耍等新技能 (你可以使用卷起的袜子等物件) 	<p>Mathematics 数学 Data 数据</p> <p>See if you can complete the attached data worksheet. 看看你是否可以完成附页里的数据作业纸.</p>  <p>If you have time, in your book or on a sheet of paper, draw a column graph to show the milkshake flavours from the worksheet. Remember a column graph starts from 0.</p> <p>如果你有时间,请在书本或纸张上绘制一个列图,以显示作业纸上的奶昔味道.记住列图从0开始.</p>	<p>Mathematics 数学 Data 数据</p> <p>Complete the attached worksheet on collecting and presenting data. 完成在附页里有关于收集和展示数据的作业纸.</p>  <p>Once you are done, can you write 5 questions you could ask based on the presented data. For example. How many children chose swimming? Or How many more children chose swimming compared to reading? 完成后,看看你是否可以根</p>

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
	<p>challenge on the second worksheet: 延伸活动:完成第二个作业纸的挑战: Five more and five less: Write the numbers that are five more and five less than 1000, 2000, 3000, 9000 and 10 000. 多于五和少于五: 写出数字是分别比1000, 2000, 3000, 9000和10000多5个和少5. Optional: 选择性的:</p>	<p>challenge worksheet. 可选的: 2位数的乘法挑战作业纸.</p> 	<p>https://www.youtube.com/watch?v=KfnyopxdJXQ</p> 	<p>Library Zoom Session with Library Buddy Class 和你的图书馆小伙伴一起的 Zoom图书馆时间</p>	<p>据所呈现的数据编写 5 个问题。 例如: 有多少孩子选择游泳? 或 与阅读相比, 有多少孩子选择游泳?</p> <p>Optional Extension:</p>  <p>Optional: 可选择的作业: iMaths 4: iMaths 4: Login to iMaths with your access code: you805 Choose any game to play. 登录iMaths使用密码:you805 选择任意一个游戏玩.</p>
Break	Break (1 hour)	Break (1 hour)	Break (1 hour)	Break (1 hour)	Break (1 hour)

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
休息	Eat & Play 休息 (1小时) 吃和玩	Eat & Play 休息 (1小时) 吃和玩	Eat & Play 休息 (1小时) 吃和玩	Eat & Play 休息 (1小时) 吃和玩	Eat & Play 休息 (1小时) 吃和玩
Session 3 第3阶段	<p>Languages: 语言: Please complete the language activity assigned by your language teacher. 请完成你们语言老师给你布置的相关作业.</p> <p>Upload to Seesaw. 上传到Seesaw.</p>	<p>History: 历史: Watch and listen to the story "The First Fleet" by Alan Boardman 观看并且聆听Alan Boardman写的故事 'The First Fleet' https://www.youtube.com/watch?v=cc3IO9qKnj0 This is a story of John Hudson one of the youngest kids transported to Australia in the First Fleet.</p> <p>This story covers what it was like in England, the trip to Australia and what it was like settling in Australia up to the arrival of the Second Fleet. After listening to the story, write a diary entry pretending you are John Hudson. Describe how you feel, what you saw, ate, activities and chores you had to do while you</p>	<p>Wellbeing Wednesday 健康周三</p> <p>FREE TIME 自由活动时间</p>	<p>Science: 科学: Watch the following time-lapse video: 观看以下的延时视频: https://www.inquisitive.com/video/1824-melting-icecreams</p> <p>Answer the following questions: A) What was happening in the video? B) What did you see that made you think that? C) What do you already know about this, that helped you answer A and B?</p> <p>回答以下问题: A) 视频中发生了什么? B) 你看到了什么让你这么认为? C) 你已经了解到了什么有</p>	<p>Creative Arts: Visual Arts and Music 创造艺术:视觉艺术和音乐</p> <p>Listen to a piece of music. It could be classical music, pop music or maybe your Mum or Dad's favourite song. As you listen to the piece of music, draw shapes, lines and patterns <u>ON A PIECE OF PAPER</u> as you listen. The lines you draw should <u>MATCH</u> the sounds, rhythms and mood. For example, strong, heavy and sharp lines might go with music played by a brass band, soft wavy lines might go with classical music. 听一首音乐。可以是古典音乐, 流行音乐, 或者你的妈妈或爸爸最喜欢的歌曲。 当你听音乐时, 在一张纸上</p>

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
		<p>were on the ship.</p> <p>这是John Hudson的故事，他是第一舰队运送到澳大利亚最年轻的孩子之一。</p> <p>这个故事讲述了英国的样子，澳大利亚的旅行，以及在第二舰队抵达之前在澳大利亚定居的感觉。</p> <p>听完这个故事后，假装你是约翰·哈德森，并写一篇日记。描述你在船上的感受、看到、吃的东西、活动和你需要做的家务。</p> <p>Remember use descriptive adjectives to make the reader understand everything you are going through.</p> <p>请记住，使用描述性的形容词让读者了解你所经历的一切。</p> <p>Upload to Seesaw. 上传到Seesaw.</p>		<p>助于你回答A和B的事实？</p> <p>Use the worksheet provided to look at different heat sources. Choose a heat source that could be used to melt the solids: chocolate, pizza cheese and marshmallows. Draw what each of the solids will look like after they have been heated.</p> <p>Complete your answers on Seesaw or take a photo of your work and upload it.</p> <p>使用提供的作业纸查看不同的热源。选择一种可用于熔化固体的热源：巧克力、比萨饼奶酪和棉花糖。绘制每个固体在加热后的外观。在Seesaw上完成你的答案或拍摄你的作品照片并上传。</p>	<p>画出形状、线条和图案。你画的线条应该与声音、节奏和情绪相匹配。例如，强、重和尖锐的线条可能与铜管乐队演奏的音乐，柔和的波浪线可能与古典音乐相关。</p> <p>Then decorate your work using pencils, textas or crayons. You could add patterns to the different sections of your artwork to make it interesting. See what an amazing piece of artwork you can design that is inspired by a piece of music!</p> <p>Once you have finished, take a photo and upload it to Seesaw. Please remember to tell your teacher what the piece of music was that you listened to.</p> <p>然后用铅笔、文字或蜡笔装饰你的作品。你可以将图案添加到你作品的不同部分，使其变得有趣。看看什么是惊人的艺术品，你可以来自一首音乐的灵感来创造！</p>

	Monday 9 August	Tuesday 10 August	Wednesday 11 August	Thursday 12 August	Friday 13 August
					完成后，拍摄照片并上传到 Seesaw . 请记住告诉你的老师你听的音乐是什么。



NA6 Multiplication facts 2, 3, 5, 10

Multiplication facts are a very important part of your maths knowledge. They are used in many other areas of maths so learn them well. Practise them often so you can easily recall each fact when you need it. Just like addition facts, multiplication facts have 'tunamounds'. When you learn one fact, you have really learnt two!



Here is the recommended sequence for learning the first multiplication facts:

Twos facts (x 2)	$\begin{array}{r} 0 \\ \times 2 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$	Related to the addition doubles.
Threes facts (x 3)	$\begin{array}{r} 0 \\ \times 3 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$	
Fives facts (x 5)	$\begin{array}{r} 0 \\ \times 5 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	Count in fives on the clock.
Tens facts (x 10)	$\begin{array}{r} 0 \\ \times 10 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ \times 10 \\ \hline 10 \end{array}$	$\begin{array}{r} 2 \\ \times 10 \\ \hline 20 \end{array}$	$\begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array}$	$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$	$\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$	$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$	$\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$	$\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$	$\begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}$	Add a zero to the number.

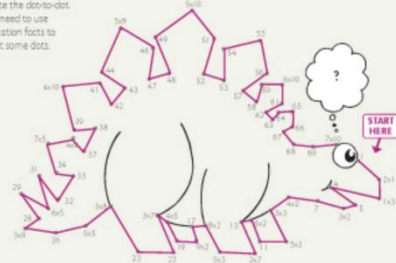
Try this

1 Complete these multiplication facts as quickly as you can. Try not to look them up.

a $\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	b $\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$	c $\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$	d $\begin{array}{r} 3 \\ \times 7 \\ \hline 35 \end{array}$	e $\begin{array}{r} 8 \\ \times 4 \\ \hline 8 \end{array}$	f $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	g $\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$	h $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	i $\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	j $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$
k $\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	l $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	m $\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$	n $\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	o $\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	p $\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	q $\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	r $\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$	s $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	t $\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$

Stegosaurus was the dinosaur with big bony plates on its back. It grew to 8 metres long and had a tiny brain the size of a walnut!

2 Complete the dot-to-dot. You will need to use multiplication facts to work out some dots.



3 Did you notice that the fives facts always end with a zero or a five? This pattern keeps going, no matter how large the numbers become.

- a Circle the fives facts below. There are 10 to find.
- | | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 45 \\ \times 5 \\ \hline 225 \end{array}$ | $\begin{array}{r} 310 \\ \times 5 \\ \hline 1550 \end{array}$ | $\begin{array}{r} 332 \\ \times 5 \\ \hline 1660 \end{array}$ | $\begin{array}{r} 520 \\ \times 5 \\ \hline 2600 \end{array}$ | $\begin{array}{r} 155 \\ \times 5 \\ \hline 775 \end{array}$ |
| $\begin{array}{r} 411 \\ \times 5 \\ \hline 2055 \end{array}$ | $\begin{array}{r} 105 \\ \times 5 \\ \hline 525 \end{array}$ | $\begin{array}{r} 75 \\ \times 5 \\ \hline 375 \end{array}$ | $\begin{array}{r} 223 \\ \times 5 \\ \hline 1115 \end{array}$ | $\begin{array}{r} 220 \\ \times 5 \\ \hline 1100 \end{array}$ |

b Write 10 more five facts of your own.

TEACHER TO CHECK

Problem solving task

Birthday party: Emma's birthday party is at Baby Animal World. The entry fee was \$5 for adults and \$3 for children. How many adults and children went to Baby Animal World if the total of all entrance fees for Emma's party was \$30?

adults children

Use the space provided in Maths 4 Student Book to work out your answer.

Challenge

Five more and five less: Write the numbers that are five more and five less than 1000, 2000, 3000, 9000 and 10 000.



NA7 Multiplication facts 4, 6, 8, 9

So far you have been learning and practising the twos, threes, fives and tens facts and their turnarounds.

In these next sets there are 28 new facts. Practise them often so that you can easily recall each fact when you need it.



Fours facts (x 4)	0	1	2	3	4	5	6	7	8	9
	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$
	0	4	8	12	16	20	24	28	32	36
Sixes facts (x 6)	0	1	2	3	4	5	6	7	8	9
	$\times 6$	$\times 6$	$\times 6$	$\times 6$	$\times 6$	$\times 6$	$\times 6$	$\times 6$	$\times 6$	$\times 6$
	0	6	12	18	24	30	36	42	48	54
Eights facts (x 8)	0	1	2	3	4	5	6	7	8	9
	$\times 8$	$\times 8$	$\times 8$	$\times 8$	$\times 8$	$\times 8$	$\times 8$	$\times 8$	$\times 8$	$\times 8$
	0	8	16	24	32	40	48	56	64	72
Nines facts (x 9)	0	1	2	3	4	5	6	7	8	9
	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$	$\times 9$
	0	9	18	27	36	45	54	63	72	81

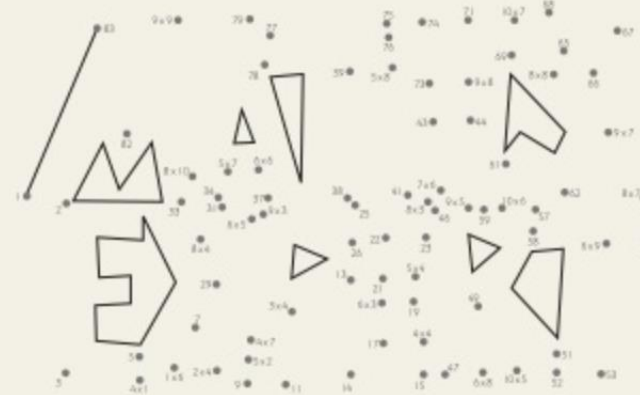
Try this

1 Complete these multiplication facts as quickly as you can. Try not to look them up.

a	b	c	d	e	f	g	h	i	j
$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
k	l	m	n	o	p	q	r	s	t
$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

What are you? If you solve this puzzle you will be a...

2 To find out, complete the dot-to-dot below. You will need to use multiplication facts to work out some dots.



3 Complete this multiplication grid.

X	2	5	4	0	1	9	8	7	3	6
4	8									
6										
8										
9										

Problem solving task

Super savings: What is the total amount of money saved by all the boys?

- Brad saved \$7.
- Bill saved 3 times Ben's amount.
- Bob saved 6 times Bill's amount.
- Ben saved \$3.
- Baz saved 8 times Bill's amount.
- Buddy saved 9 times Ben's amount.
- Boss saved 6 times Brad's amount.

Use the space provided in *Maths 4 Tracker Book* to work out your answer.






Challenge






Nines patterns: The nines multiplication facts contain many patterns. Write the facts then look down the answer list to discover a counting-by-ones pattern. Look up the answer list to find another pattern. Try adding the digits in every answer. What do you discover? Can you find more patterns?

Adding heat made the solids in the video change to liquids. We call this melting.

3 There are different heat sources that can melt solids.

Heat sources		
tumble dryer 	sun 	campfire 
stove 	oven 	radiator 

Look at the images of solids in the table below. Choose a heat source from above that you might use to melt each one. Draw what the solid looks like after it has been heated.

Before heating	Heat source	After heating
chocolate 	→	→
pizza cheese 	→	→
marshmallows 	→	→

Division of 2-Digit Numbers

Aim: I can use a formal method of division

1. $69 \div 3 =$

2. $88 \div 4 =$

3. $90 \div 5 =$

4. $76 \div 4 =$

5. $72 \div 3 =$

6. $70 \div 5 =$

7. $24 \div 2 =$

8. $56 \div 4 =$

9. $36 \div 3 =$

10. $65 \div 5 =$

11. $96 \div 4 =$

12. $90 \div 6 =$

13. $96 \div 8 =$

14. $96 \div 6 =$

15. $88 \div 8 =$

16. $80 \div 4 =$

17. $95 \div 5 =$

18. $92 \div 4 =$

19. $46 \div 2 =$

20. $78 \div 6 =$

21. $92 \div 4 =$

22. $84 \div 4 =$

23. $72 \div 3 =$

24. $70 \div 7 =$

25. $88 \div 4 =$

26. $80 \div 5 =$

27. $98 \div 7 =$

28. $66 \div 3 =$

29. $84 \div 4 =$

30. $91 \div 7 =$

Division of 2-Digit Numbers Answers

1. $69 \div 3 = 23$

2. $88 \div 4 = 22$

3. $90 \div 5 = 18$

4. $76 \div 4 = 19$

5. $72 \div 3 = 24$

6. $70 \div 5 = 14$

7. $24 \div 2 = 12$

8. $56 \div 4 = 14$

9. $36 \div 3 = 12$

10. $65 \div 5 = 13$

11. $96 \div 4 = 24$

12. $90 \div 6 = 15$

13. $96 \div 8 = 12$

14. $96 \div 6 = 16$

15. $88 \div 8 = 11$

16. $80 \div 4 = 20$

17. $95 \div 5 = 19$

18. $92 \div 4 = 23$

19. $46 \div 2 = 23$

20. $78 \div 6 = 13$

21. $92 \div 4 = 23$

22. $84 \div 4 = 21$

23. $72 \div 3 = 24$

24. $70 \div 7 = 10$

25. $88 \div 4 = 22$

26. $80 \div 5 = 16$

27. $98 \div 7 = 14$

28. $66 \div 3 = 22$

29. $84 \div 4 = 21$

30. $91 \div 7 = 13$



visit [twinkl.com](https://www.twinkl.com)

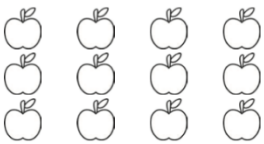


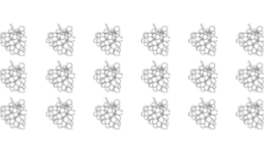


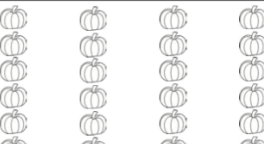




visit [twinkl.com](https://www.twinkl.com)



Division Using Arrays

Write two division sentences for each array.
The first one has been done for you.

		
$12 \div 4 = 3$ $12 \div 3 = 4$		
		
		

Can you think of a different calculation and draw your own array?



visit [twinkl.com.au](https://www.twinkl.com.au)



Matching Equivalent Multiplication and Division Number Sentences

I can correctly identify and match equivalent multiplication and division number sentences (ACMNA121).

Draw a line to correctly connect the equivalent multiplication and division number sentences.

3×6	$20 \div 4$
5×10	$77 \div 11$
4×5	$48 \div 12$
9×3	$16 \div 2$
8×2	$27 \div 9$
7×3	$36 \div 4$
11×7	$50 \div 5$
12×4	$30 \div 5$
5×6	$21 \div 7$
4×9	$18 \div 3$

Choose 4 of the equivalent number sentences to write out with the answers.

Example: $4 \times 6 = 24$ and $24 \div 4 = 6$

1. _____
2. _____
3. _____
4. _____

Write 3 different equivalent multiplication and division number sentences.

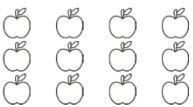


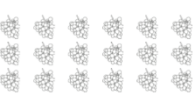


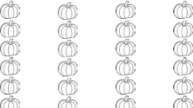
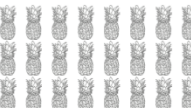



visit [twinkl.com](https://www.twinkl.com)



Division Using Arrays - Answers

Write two division sentences for each array.
The first one has been done for you.

		
$12 \div 4 = 3$ $12 \div 3 = 4$	$10 \div 5 = 2$ $10 \div 2 = 5$	$8 \div 2 = 4$ $8 \div 4 = 2$
		
$18 \div 6 = 3$ $18 \div 3 = 6$	$20 \div 4 = 5$ $20 \div 5 = 4$	$14 \div 2 = 7$ $14 \div 7 = 2$
		
$24 \div 4 = 6$ $24 \div 6 = 4$	$24 \div 8 = 3$ $24 \div 3 = 8$	$30 \div 6 = 5$ $30 \div 5 = 6$

Can you think of a different calculation and draw your own array?



visit [twinkl.com.au](https://www.twinkl.com.au)



Matching Equivalent Multiplication and Division Number Sentences

Answers

I can correctly identify and match equivalent multiplication and division number sentences (ACMNA121).

Draw a line to correctly connect the equivalent multiplication and division number sentences.

3×6	$20 \div 4$
5×10	$77 \div 11$
4×5	$48 \div 12$
9×3	$16 \div 2$
8×2	$27 \div 9$
7×3	$36 \div 4$
11×7	$50 \div 5$
12×4	$30 \div 5$
5×6	$21 \div 7$
4×9	$18 \div 3$

Choose 4 of the equivalent number sentences to write out with the answers.

Example: $4 \times 6 = 24$ and $24 \div 4 = 6$ (teacher to correct)

Write 3 different equivalent multiplication and division number sentences. (teacher to correct)



visit [twinkl.com](https://www.twinkl.com)





SP4 Organising data



When you collect a lot of information it is easier to make sense of the data if it is organised. Tables can help sort your data into groups as you collect it. Use tally marks to record the data as you go.

This table shows the favourite milkshake flavours of fifty customers at Krystal's Milk Bar.

Favourite milkshake flavours		
Flavour	Tally	Total
vanilla		
chocolate		
strawberry		
caramel		
coffee		

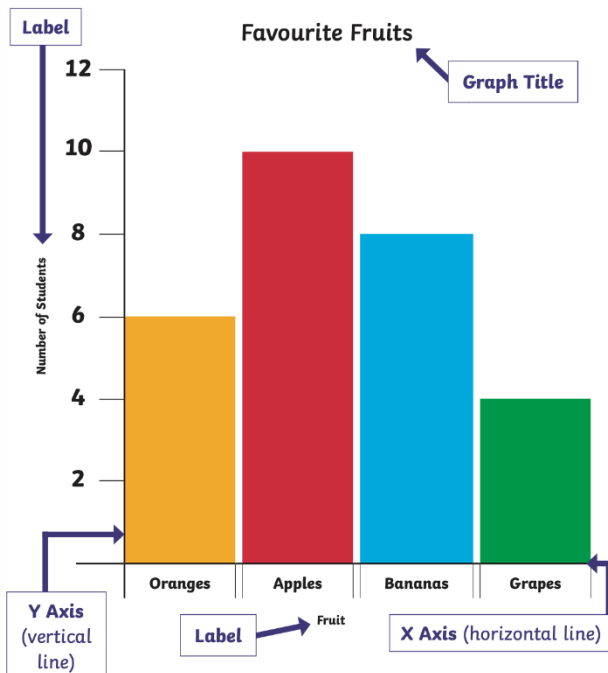
Language reminder

A *tally mark* is used when counting or scoring. Tally marks are often written in groups of five using four vertical marks crossed by a diagonal line to show five. |||| = 5.

Try this

- Use the table above to answer these questions.
 - How is fourteen shown using tally marks?
 - Complete the **Total** column in the table above.
 - Which flavour was most popular?
 - Was chocolate more or less popular than all of the other flavours added together?
 - How many customers were surveyed for their favourite milkshake flavour?

Column Graph

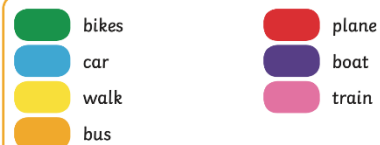


A column graph displays information and results using columns. Information and results can be easily compared to one another.



Pie Chart

A pie chart is a circular chart divided into sections. Each sector shows the relative size of each value.



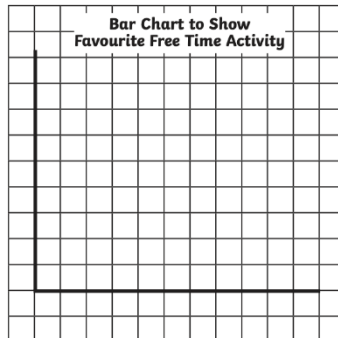
Collecting and Presenting Data

30 children were asked to choose what their favourite activity for a free afternoon at home would be. Here are their answers.

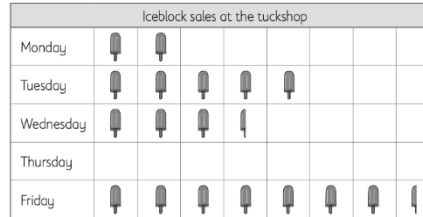


1. Fill in the tally chart and then calculate the total of each response.
2. Draw a bar chart to present your data.

Activity	Tally	Total
Swimming		
Trip to the park		
Play computer games		
Baking		
Reading		

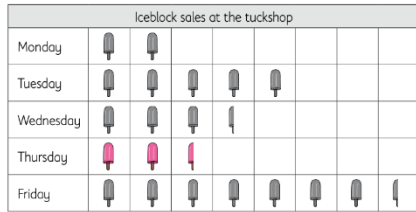


visit [twinkl.com](https://www.twinkl.com)



1. 25 iceblocks were sold on Thursday. Display this information on the picture graph above.
2. Use the iceblock picture graph to answer these questions.

- a. How many iceblocks were sold on:
 - Monday?
 - Tuesday?
 - Wednesday?
 - Friday?
- b. Which day had the most iceblock sales?
- c. Which day had the least iceblock sales?
- d. On which days were more than 30 iceblocks sold?
- e. How many iceblocks were sold during the week?
- f. Which two days total sales are equal to Friday's total?
- g. Give a possible explanation for the large number of iceblocks sold on Friday.



Key
 ■ = 10 iceblocks sold

- 25 iceblocks were sold on Thursday. Display this information on the picture graph above.
- Use the iceblock picture graph to answer these questions.

a How many iceblocks were sold on:

Monday? Tuesday? Wednesday? Friday?

b Which day had the most iceblock sales?

c Which day had the least iceblock sales?

d On which days were more than 30 iceblocks sold?

e How many iceblocks were sold during the week?

f Which two days total sales are equal to Friday's total?

g Give a possible explanation for the large number of iceblocks sold on Friday.

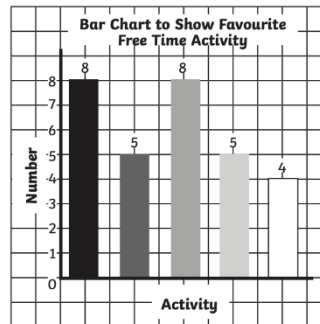
TEACHER TO CHECK

Collecting and Presenting Data Answers

1.

Activity	Tally	Total
Swimming		8
Trip to the park		5
Play computer games		8
Baking		5
Reading		4

2.



- Swimming
- Trip to the park
- Play computer games
- Baking
- Reading





Unit 23

 **ir ur or er** bird nurse world fern

List Words




- dirt _____
- first _____
- third _____
- thirteen _____
- thirty _____
- stir _____
- were _____
- word _____
- heard _____
- early _____
- church _____
- circle _____
- purple _____
- return _____
- world _____
- worst _____
- learn _____
- serve _____
- service _____
- Thursday _____
- turtle _____
- journey _____
- observe _____
- vertical _____
- worthwhile _____



1 Circle the letters that represent  in the List Words.



2 Write any other letters that can represent  on the Grapheme Chart. Write one word example for each.


3 Write one stroke for every sound in each List Word.

4 Write List Words that have:

- ere representing  _____
- our representing  _____
- ear representing  _____

two  sounds _____ two  sounds _____

two  sounds _____ two  sounds _____

two  sounds _____


5 Unjumble the letters to make List Words. Write a rhyming word for each one.

rewe _____ drow _____

trid _____ rits _____

stirf _____ narel _____

vesre _____ ditrh _____

6 Finish the words with **ir, or, er, ere, ur, ear** or **our** to represent . Write some of your words to match the clues.

st____ w____ d____t ret____n w____st obs____ve

c____cle w____ld ____ly j____ney f____st w____thwhile

Find antonyms for these words. Find synonyms for these words.

last _____ soil _____

best _____ mix _____

late _____ earth _____

keep _____ trip _____

useless _____ watch _____

Grapheme Chart

letters	words



7 Join the word beginnings and endings to make List Words.

thir	ly	_____	ob	day	_____
pur	cle	_____	ser	vice	_____
ear	ty	_____	jour	serve	_____
re	tle	_____	thir	while	_____
cir	ple	_____	Thurs	ney	_____
tur	turn	_____	worth	teen	_____

8 Two words in each sentence have changed places. Rewrite the sentences with the words in the correct places.



He herd the heard of cattle before he saw it.

She think she is the world footballer in the worst.

We like the serve here as they service us very quickly.

9 Count the sounds in these words. Write the letter or letters for each sound in a separate box. Solve the riddles by writing the letters from the shaded boxes in the boxes with matching numbers.

observe	8	5								early			4	
journey			10							world			1	
return	7									heard			3	
vertical				9			2			thirty			6	

Which bird is a bug in a dress?

a 1 2 3 4 5 6 3

Which bird steals from you?

a 7 8 5 9 10

Challenge

Find a List Word by joining the end of the first word to the beginning of the second word, for example new order - word.

best iron	_____	dear lynx	_____	both eardrums	_____
ewe relaxing	_____	how ordinary	_____	dresser vent	_____
all earnings	_____	centre turnip	_____	which urchin	_____

