



Early learners end-of-year maths engagement pack!



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12 Days of Holidays Problem-Solving Board for Kindergarten, Foundation, Prep to Year 1



| 1 st | 2 nd | 3 rd | 4 th |
|--|--|---|---|
| <p>Look at a calendar. Can you count how many days are left til...</p> <ul style="list-style-type: none"> • The end of term? • December 25th? • The 1st of January? | <p>Dan empties out his holiday stocking. He sees:</p> <ul style="list-style-type: none"> 5 lollipops 2 toy cars 1 pencil 3 chocolates 7 candy canes 1 yo-yo <ul style="list-style-type: none"> • How many things did Dan get that he can eat? • How many things did Dan get that are toys? | <p>Pam gets a soccer ball, a bike and some socks as presents.</p> <ul style="list-style-type: none"> • Can you put the presents in order of smallest to largest? • Can you put the presents in order of lightest to heaviest? • Can you draw the presents? | <p>Santa visits houses on the street numbered: 2, 4, 6, 8 and 10.</p> <p>But he's gone to the wrong houses! He was meant to visit the houses numbered one less.</p> <ul style="list-style-type: none"> • Which house numbers was he supposed to visit? |
|  <p>5th</p> | <p>6th</p> | <p>7th</p>  | <p>8th</p> |
| <p>Jessica has 7 candy canes. She eats 3 and gives the rest to her friend Amy.</p> <ul style="list-style-type: none"> • How many candy canes did Amy get? | <p>Lucy's mother says she can only eat 2 cookies. But she wants to eat double that.</p> <ul style="list-style-type: none"> • How many cookies does she want to eat? | <p>Can you draw a Christmas tree using only triangles?</p> <ul style="list-style-type: none"> • How many triangles did you use? | <p>Ted's mother is baking cupcakes for a party. Ted eats 3 cupcakes. If she made 10 cupcakes, how many are left now?</p> |
| <p>9th</p> |  <p>10th</p> | <p>11th</p> |  <p>12th</p> |
| <p>Ben buys a hot chocolate for \$3 and a cookie for \$1. How much has he spent?</p> | <p>Tony hangs 4 balls around his tree. But his cat knocks 3 of them off.</p> <ul style="list-style-type: none"> • How many are left on the tree? | <p>Santa accidentally skips a few houses on the street he is visiting. If he has visited the houses numbered: 1, 3, 5,...,9, 11,...,15</p> <ul style="list-style-type: none"> • Which house numbers did he skip? | <p>Wendy wrote a letter to Santa every day of the week.</p> <ul style="list-style-type: none"> • How many letters did she write to Santa? |

12 Days of Holidays Problem-Solving Board for Year 1-2






| 1 st | 2 nd | 3 rd | 4 th |
|--|--|--|--|
| <p>A box of candy canes has 10 in them. Sue eats 3 and Andy eats 2. How many are left?</p> | <p>Listen to the song 12 Days of Christmas.</p> <ul style="list-style-type: none"> Can you write down what gifts are given on each day? How many gifts were given in total? | <p>Santa visits 9 houses and every house leaves milk and cookies out for him and carrots for the reindeer, except for one.</p> <ul style="list-style-type: none"> How many houses left food out for Santa? | <p>The tree is decorated with different coloured baubles.</p> <ul style="list-style-type: none"> There are 6 red baubles. There are 2 fewer blue baubles than there are red. There are 3 more green baubles than there are red. How many baubles are there in total? |
|  <p>5th</p> |  <p>6th</p> | <p>7th</p> | <p>8th</p> |
| <p>Jenny peeks at the presents under the tree. She is trying to guess what they are.</p> <ul style="list-style-type: none"> There are 2 big rectangular presents. There's a present that is long and thin. There are 3 presents that are round and they are all different sizes. There's a present that is a cube. Can you draw the presents under the tree? Can you guess what might they be? | <p>Mina opens a box of decorations.</p> <p>There are 7 blue baubles, 2 stars, 5 angels, 6 red baubles, 8 green baubles, 5 lengths of tinsel, 2 purple baubles and 4 strings of lights.</p> <ul style="list-style-type: none"> How many decorations did she have in total? How many baubles did she have? How many green and red baubles did she have? | <ul style="list-style-type: none"> How many letters are in the words... "Celebration time" "Happy holidays" "Merry and bright" "Peace and joy" "Season's greetings" "Happy New Year" What is the shortest combination of words you can make with at least 3 words? 4 words? 5 words? | <p>Make a holiday gift wish list.</p> <ul style="list-style-type: none"> Can you put the list in order of the lightest gifts to the heaviest gifts? From the heaviest to the lightest? Which would be the easiest to wrap and deliver? Which would be the hardest to wrap and deliver? |
| <p>9th</p> | <p>10th</p> | <p>11th</p>  | <p>12th</p> |
| <p>How many days are left til...</p> <ul style="list-style-type: none"> The end of term? December 25th? The 1st of January? | <p>Tom and Lisa are wrapping presents. Together they wrap 7 presents.</p> <ul style="list-style-type: none"> If Lisa wrapped one more present than Tom, how many did they each wrap? | <p>Liam has \$30 to spend on presents.</p> <p>He buys a yo-yo for \$2. Then he buys a superhero block set for \$15.</p> <ul style="list-style-type: none"> How much did he spend altogether? | <p>Sandra's birthday is 15 days before Christmas day. Christmas day is the 25th of December.</p> <ul style="list-style-type: none"> What is the date of Sandra's birthday? |



12 Days of Holidays Problem-Solving Board for Year 2-3



| 1 st | 2 nd | 3 rd | 4 th |
|---|---|---|--|
| <p>Make a holiday gift wish list.</p> <ul style="list-style-type: none"> • Can you guess how much each gift will cost? • Can you research how much each gift will cost and write it down? • What is the total price of all the gifts on your list? | <p>3 years ago, Cam brought a box of 100 holiday greeting cards. He sent 27 cards that year. The next year he used his leftover cards to send 31 cards to friends.</p> <ul style="list-style-type: none"> • How many cards does he have left to use this year? • If he uses 35 cards this year, how many will he have left for next year? | <p>Rebecca can wrap presents twice as fast her sister. If her sister wraps 4 presents in 15 minutes, how many presents does Rebecca wrap in...</p> <ul style="list-style-type: none"> • 15 minutes? • 30 minutes? • 1 hour? | <p>A box has 4 holiday baubles in it. How many baubles are in...</p> <ul style="list-style-type: none"> • 3 boxes? • 4 boxes? • 6 boxes? • 8 boxes? |
| <p>5th</p>  | <p>6th</p> | <p>7th</p>  | <p>8th</p> |
| <p>Michal spent \$84 on holiday presents this year. If Susan spent half that amount, how much did Susan spend?</p> | <p>It takes Shae 6 minutes to wrap one present.</p> <ul style="list-style-type: none"> • If she needs to wrap 7 presents, how long will it take her? • If she has only has 35 minutes to wrap the presents, how many can she wrap? | <p>Taylor's sister lives far away but is coming to visit her for the holidays. She needs to travel 14,275 kilometers to visit Taylor.</p> <ul style="list-style-type: none"> • Can you write that distance as words? | <p>Jim's been waiting up all night to be able to open his presents at midnight.</p> <ul style="list-style-type: none"> • If it's 11.35pm now, how many more minutes does he have to wait? |
| <p>9th</p> | <p>10th</p> | <p>11th</p>  | <p>12th</p> |
| <p>Diane is decorating her house with lights, and she wants to put them around her roof.</p> <ul style="list-style-type: none"> • If each string of lights is 3 metres and she needs to cover 21 metres, how many strings of lights does she need? | <p>Sally has decorated her tree with 40 lights. Sadly, $\frac{1}{4}$ of them are broken and don't light up.</p> <ul style="list-style-type: none"> • How many do light up? | <p>Anna wants to buy a cup of hot chocolate and a cookie.</p> <ul style="list-style-type: none"> • If the total cost is \$6.60 but the hot chocolate is \$1 more than the cookie, what do they each cost? • What is the total cost if she also wants to buy a candy cane for 50c? | <p>Joey's mother gives him a box of 24 candy canes to hand out to his friends.</p> <ul style="list-style-type: none"> • If he wants to give them to 4 of his friends, how many candy canes will everyone get? • What if Joey also wants 4 candy canes to keep? How many will everyone get? • Will there be any left over? |



Maths reward coupons

These reward coupons are designed to foster a positive learning environment amongst early maths learners. They are filled with fun ideas for a break or reward when students complete certain tasks or master maths skills. They are also perfect for the end-of-year engagement when students are running low on energy and attention spans are particularly short!

The unique coupons are designed to ensure students are rewarded with classroom privileges that will make them feel special (and they are guaranteed to love!).



What's in this pack?



20 x pre-filled
reward coupons



20 x blank
reward coupons

What do I do with the blank coupons?

Create special coupon cards for your students, with your students!



You are a counting champion!

Enjoy 10 mins free computer time.

Fantastic job practising the number line!

Let's play a song and have a class conga line.

Awesome work learning your 5 times tables!

Take a 5 min free-time break.

Awesome work learning your 10 times tables!

Take a 10 min free-time break.

Great job learning your 2 times tables!

Grab 2 lollies from the lolly jar.

Great job learning your 3 times tables!

Grab 3 lollies from the lolly jar.

You are division dynamo!

You've earnt a 1-minute classroom dance party.

You are division dynamo!

You've earnt a drawing pass and can draw at your seat for 10 minutes.

You are a crafty counter!

Enjoy 10 mins free craft time.

You are a capable counter!

Enjoy 10 mins free colouring in time!

You are a subtraction superstar!

You've earnt an extra 5 stickers.

Terrific work on learning your times tables!

You've earnt a game of 'What's the time Mr. Wolf?' for the class.

You are a multiplication master!

You've earnt a game of Musical Chairs for the class.

Superb work practising your subtraction!

You've earnt a game of Simon Says for the class.

Great work learning your numbers!

You've earnt a game of Tic-tac-toe or Noughts and Crosses for the class.

Great work practising your addition!

You've earnt a game of Duck-duck-goose for the class.

Amazing work learning your multiplication!


You get to pick a song we listen to!

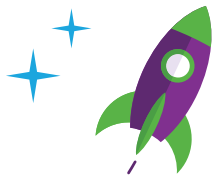
You're a great problem-solver!

You've earnt a game of 'Heads up, Thumbs down' for the class!


End of year thank you cards

These end of year thank you cards a great way to wrap up the year as well as continuing to promote pro-social behaviours in your classroom. You can use these as templates or even better, have your students create their own for their peers! They can get a creative as they like !

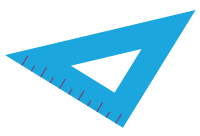







Thank you




For being a homework hero and always doing your homework on time!










Thank you



For always trying and giving new things a go!





End of year thank you cards



Thank you

+A

For always being a considerate classmate!





Thank you

+A

For always being a lovely listener!



End of year thank you cards



Thank you

+A

For being curious and always asking questions!





Thank you

+A

For always being respectful and raising your hand to talk.



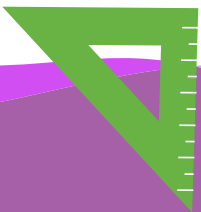




Maths Mentor

Certificate goes to:

From the **Mathseeds Team**

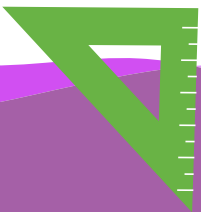




Maths Magician

Certificate goes to:

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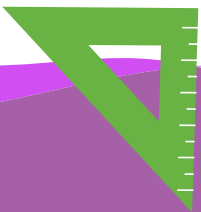




Confident Counter

Certificate goes to:

From the **Mathseeds Team**

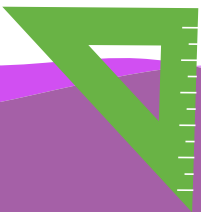




Subtraction Superstar

Certificate goes to:

From the **Mathseeds Team**



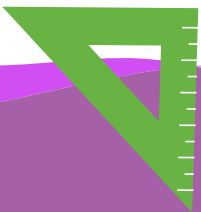


Clever Counter

Certificate goes to:



From the **Mathseeds Team**

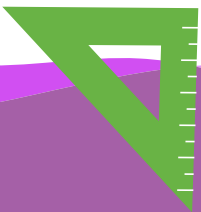




Powerful Problem-Solver

Certificate goes to:

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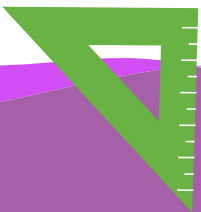




Impressive Investigator

Certificate goes to:

From the **Mathseeds Team**





Amazing Adder

Certificate goes to:

From the **Mathseeds Team**

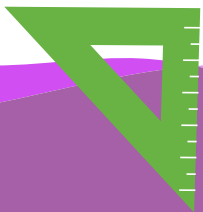




Terrific Time-teller

Certificate goes to:

From the **Mathseeds Team**

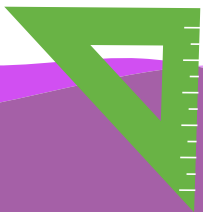




Multiplication Master

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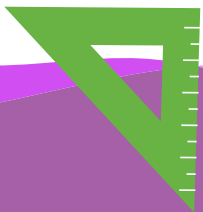




Homework Hero

Certificate goes to:

From the **Mathseeds Team**

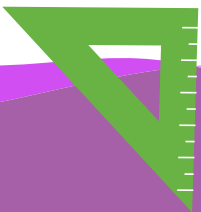




Most Improved Counting

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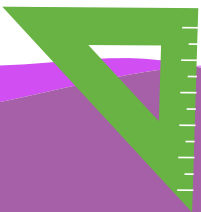




Most Improved Addition

Certificate goes to:

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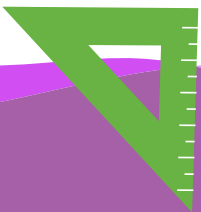




Most Improved Subtraction

Certificate goes to:

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