

The Big KS2 Home Education Practice Pack

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48 original, print-friendly maths and English worksheets for Years 3-6

How to use this pack: Choose a page that feels like the right level. Work slowly, show your method, and use the separate answer booklet to discuss mistakes. The topics are inspired by common primary curriculum strands, but every question and passage in this pack is original.

Contents: 24 maths sheets (M01-M24) and 24 English sheets (E01-E24).

M01 Place value detectives

Maths | Year 3-4 | Write each answer clearly.

Name: _____ Date: _____

1. Write 6,407 in words.

2. What is the value of the digit 8 in 18,263?

3. Make the largest 4-digit number using 3, 0, 7 and 9 once each.

4. Partition 5,086 into thousands, hundreds, tens and ones.

5. What number is 100 more than 3,799?

Challenge - A museum has 4,999 visitors. One more visitor enters. What is the new total?

M02 Compare and order

Maths | Year 3-4 | Use $<$, $>$ or $=$ where needed.

Name: _____ Date: _____

1. Put these in ascending order: 4,209; 4,029; 4,290; 4,092.

2. Fill in: 7,506 ___ 7,560.

3. Which is closest to 6,000: 5,899, 6,091 or 6,010?

4. Write a number between 8,399 and 8,401.

5. Use the digits 2, 5, 8 and 1 to make the smallest 4-digit number.

Challenge - Explain why 9,099 is greater than 9,090.

M03 Rounding routes

Maths | Year 3-4 | Round to the stated place value.

Name: _____ Date: _____

1. Round 347 to the nearest 10.

2. Round 2,651 to the nearest 100.

3. Round 8,499 to the nearest 1,000.

4. Round 6,550 to the nearest 100.

5. A runner completes 1,947 m. Estimate this to the nearest 100 m.

Challenge - A number rounds to 4,300 to the nearest 100. Give two possible numbers.

M04 Column addition

Maths | Year 3-4 | Show a tidy column method.

Name: _____ Date: _____

1. $2,487 + 1,356 =$

2. $3,709 + 2,948 =$

3. $5,628 + 796 =$

4. $1,999 + 2,005 =$

5. $4,375 + 2,689 =$

Challenge - A library buys 2,875 books in spring and 3,496 in autumn. How many books altogether?

M05 Column subtraction

Maths | Year 3-4 | Regroup carefully where needed.

Name: _____ Date: _____

1. $5,842 - 2,379 =$

2. $7,000 - 2,468 =$

3. $6,315 - 987 =$

4. $4,600 - 1,725 =$

5. $8,004 - 2,516 =$

Challenge - A cinema has 6,250 seats. 3,786 are filled. How many seats are empty?

M06 Multiplication facts: 2, 5 and 10

Maths | Year 3 | Answer without a calculator.

Name: _____ Date: _____

1. $7 \times 5 =$

2. $9 \times 2 =$

3. $12 \times 10 =$

4. 45 divided by 5 =

5. 70 divided by 10 =

6. $8 \times 5 =$

7. 16 divided by 2 =

Challenge - A pack has 5 stickers. How many stickers are in 12 packs?

M07 Multiplication facts: 3, 4 and 8

Maths | Year 3-4 | Use known facts to help.

Name: _____ Date: _____

1. $7 \times 3 =$

2. $6 \times 4 =$

3. $8 \times 8 =$

4. 36 divided by 4 =

5. 24 divided by 3 =

6. 56 divided by 8 =

7. $9 \times 4 =$

Challenge - A spider has 8 legs. How many legs do 7 spiders have?

M08 Multiplication facts: 6, 7 and 9

Maths | Year 4 | Answer without a calculator.

Name: _____ Date: _____

1. $6 \times 7 =$

2. $9 \times 8 =$

3. $7 \times 7 =$

4. 54 divided by 6 =

5. 63 divided by 7 =

6. 72 divided by 9 =

7. $6 \times 9 =$

Challenge - A concert has 9 rows of 7 chairs. How many chairs are there?

M09 Multiply by a 1-digit number

Maths | Year 4-5 | Use a written method.

Name: _____ Date: _____

1. $247 \times 3 =$

2. $506 \times 4 =$

3. $328 \times 6 =$

4. $715 \times 5 =$

5. $1,204 \times 2 =$

Challenge - There are 36 boxes with 24 pencils in each. How many pencils?

M10 Divide exactly

Maths | Year 4 | Use grouping or a written method.

Name: _____ Date: _____

1. 84 divided by 7 =

2. 144 divided by 12 =

3. 168 divided by 8 =

4. 252 divided by 9 =

5. 432 divided by 6 =

Challenge - 126 apples are shared equally into 9 baskets. How many in each basket?

M11 Division with remainders

Maths | Year 4-5 | Record remainder as r.

Name: _____ Date: _____

1. 47 divided by 6 =

2. 83 divided by 8 =

3. 125 divided by 9 =

4. 214 divided by 7 =

5. 65 divided by 4 =

Challenge - A minibus holds 8 pupils. 53 pupils travel. How many minibuses are needed?

M12 Equivalent fractions

Maths | Year 3-5 | Simplify when you can.

Name: _____ Date: _____

1. Complete: $\frac{1}{2} = \frac{\quad}{8}$.

2. Complete: $\frac{3}{4} = \frac{\quad}{12}$.

3. Which is larger: $\frac{3}{6}$ or $\frac{2}{3}$?

4. Simplify $\frac{6}{10}$.

5. Write an equivalent fraction to $\frac{5}{8}$ with denominator 16.

Challenge - A ribbon is cut into 12 equal pieces. Mia uses 9. What fraction has she used, simplified?

M13 Add and subtract fractions

Maths | Year 4-5 | Use a common denominator.

Name: _____ Date: _____

1. $\frac{1}{5} + \frac{3}{5} =$

2. $\frac{7}{8} - \frac{3}{8} =$

3. $\frac{1}{4} + \frac{2}{4} =$

4. $\frac{2}{3} + \frac{1}{6} =$

5. $\frac{5}{6} - \frac{1}{3} =$

Challenge - A jug is $\frac{3}{4}$ full. Then $\frac{1}{8}$ is poured out. What fraction remains?

M14 Fractions of amounts

Maths | Year 4-5 | Show your method.

Name: _____ Date: _____

1. Find $\frac{1}{4}$ of 36.

2. Find $\frac{2}{3}$ of 24.

3. Find $\frac{3}{5}$ of 40.

4. Find $\frac{7}{8}$ of 32.

5. Find $\frac{3}{4}$ of 60.

Challenge - A class has 32 pupils. $\frac{3}{8}$ bring a packed lunch. How many pupils is that?

M15 Decimals and money

Maths | Year 4-5 | £ values have two decimal places.

Name: _____ Date: _____

1. Write 7 pounds and 5 pence as a decimal.

2. Which is greater: 3.7 or 3.07?

3. Put in order: 1.25, 1.05, 1.50.

4. $3.45 + 2.30 =$

5. $5.00 - 1.68 =$

Challenge - A game costs £8.75. You pay with £10. What change should you receive?

M16 Money problems

Maths | Year 4-5 | Calculate the total or change.

Name: _____ Date: _____

1. 3 notebooks cost £1.25 each. What is the total?

2. A toy costs £12.40. You have £9.85. How much more is needed?

3. Two bus tickets cost £2.80 each. Total?

4. A sandwich is £3.65 and a drink is £1.20. Total?

5. £20.00 - £13.47 =

Challenge - Four friends share a £18.60 pizza bill equally. How much does each pay?

M17 Time and timetables

Maths | Year 3-5 | Use 24-hour time where shown.

Name: _____ Date: _____

1. Write 3:45 pm in 24-hour time.

2. How many minutes from 09:35 to 10:20?

3. A film starts at 18:25 and lasts 1 h 35 min. When does it end?

4. What time is 75 minutes after 11:50?

5. How long from 22:15 to 23:00?

Challenge - A train leaves at 08:47 and arrives at 10:12. What is the journey time?

M18 Metric measures

Maths | Year 4-5 | Choose the correct unit and convert.

Name: _____ Date: _____

1. Convert 3 m 45 cm to cm.

2. Convert 2.5 kg to g.

3. Convert 1,750 ml to litres and ml.

4. How many mm are in 6 cm?

5. A 4 km walk plus a 650 m walk is how many metres?

Challenge - A bottle holds 1.5 L. How many 250 ml cups can it fill?

M19 Perimeter

Maths | Year 4-5 | Perimeter is the distance around.

Name: _____ Date: _____

1. A rectangle is 8 cm by 5 cm. Find its perimeter.

2. A square has side 7 cm. Find its perimeter.

3. A triangle has sides 6 cm, 9 cm and 11 cm. Perimeter?

4. A rectangle has perimeter 30 cm and length 9 cm. Find width.

5. A regular pentagon has side 4 cm. Perimeter?

Challenge - A garden is 12 m by 9 m. Fencing costs £4 per metre. What is the total cost?

M20 Area

Maths | Year 4-5 | Area is measured in square units.

Name: _____ Date: _____

1. A rectangle is 9 cm by 4 cm. Find its area.

2. A rectangle is 12 m by 3 m. Find its area.

3. A square has side 6 cm. Find its area.

4. A rectangle has area 40 cm^2 and width 5 cm. Find length.

5. A rug is 2 m by 1.5 m. Find its area.

Challenge - A 10 m by 7 m lawn has a 2 m by 3 m flower bed. Find the grass area.

M21 Shape and angle facts

Maths | Year 4-6 | Give the best mathematical answer.

Name: _____ Date: _____

1. How many lines of symmetry does a square have?

2. What is the sum of angles in a triangle?

3. A right angle measures how many degrees?

4. Name a quadrilateral with exactly one pair of parallel sides.

5. An angle of 135 degrees is acute, right, obtuse or reflex?

Challenge - Two angles in a triangle are 48 degrees and 67 degrees. Find the third.

M22 Coordinates

Maths | Year 4-5 | Coordinates are written (x, y).

Name: _____ Date: _____

1. What point is 3 across and 5 up?

2. Move (2, 4) three units right.

3. Move (7, 1) two units up.

4. Reflect (2, 5) in the y-axis.

5. A point is at (-3, 2). What is its x-coordinate?

Challenge - Translate (1, -2) by (+4, +3). What are the new coordinates?

M23 Data handling

Maths | Year 4-5 | Read the information carefully.

Name: _____ Date: _____

1. The scores are 4, 6, 6, 8, 9. What is the mode?

2. The scores are 3, 5, 7, 9. What is the range?

3. A tally has 13 votes. Another has 9. How many more votes is that?

4. Find the mean of 4, 6 and 8.

5. In a pie chart, $\frac{1}{4}$ represents what percentage?

Challenge - A class reads 12, 15, 9 and 14 books over four weeks. How many books altogether?

M24 Mixed problem solving

Maths | Year 5-6 | Decide which operation to use.

Name: _____ Date: _____

1. A baker makes 18 trays of 24 buns. How many buns?

2. A 3.6 km run is how many metres?

3. Find 25% of 80.

4. A tank is $\frac{5}{6}$ full. $\frac{1}{3}$ is emptied. What fraction remains?

5. A book is £6.75. Buy 3. What is the total?

Challenge - A shop reduces £48 by 25%. What is the sale price?

E01 Precise vocabulary

English | Year 3-6 | Choose words that fit the meaning.

Name: _____ Date: _____

1. Write a synonym for *happy*.

2. Write an antonym for *ancient*.

3. Replace *walked* with a more precise verb: The fox walked through the snow.

4. Use *observe* correctly in a sentence.

5. Choose the best word: The thunder was (quiet / deafening / tiny).

Challenge - Write three adjectives for a mysterious door.

E02 Prefixes and suffixes

English | Year 3-5 | Build and explain words.

Name: _____ Date: _____

1. Add a prefix to make the opposite of *possible*.

2. Add a prefix to make the opposite of *regular*.

3. Add -ness to *kind*.

4. Add -ful to *care*.

5. Which word means "again": replay, preview or preheat?

Challenge - Explain the meaning of *misunderstand*.

E03 Homophones

English | Year 3-5 | Select the correct spelling.

Name: _____ Date: _____

1. Choose: We ate (their / there / they're) lunch outside.

2. Choose: The dog wagged (its / it's) tail.

3. Choose: Please (hear / here) the instructions.

4. Write a sentence using *piece*.

5. Write a sentence using *peace*.

Challenge - Explain the difference between *brake* and *break*.

E04 Spelling patterns

English | Year 3-5 | Apply spelling rules.

Name: _____ Date: _____

1. Add -ed to *hop*.

2. Add -ing to *run*.

3. Add -ed to *carry*.

4. Add -ing to *make*.

5. Circle the correctly spelt word: *seperate* / *separate*.

Challenge - Write a sentence containing both *hopping* and *hoped*.

E05 Word classes

English | Year 3-5 | Identify the bold word.

Name: _____ Date: _____

1. In "The **otter** dived", what word class is otter?

2. In "She **quickly** packed", what word class is quickly?

3. In "We **laughed** loudly", what word class is laughed?

4. In "a **golden** leaf", what word class is golden?

5. In "Sam and **I** ran", what word class is I?

Challenge - Write a sentence containing a noun, adjective, verb and adverb. Label each.

E06 Expanded noun phrases

English | Year 3-5 | Make nouns more specific.

Name: _____ Date: _____

1. Improve: *the dog* (add two details).

2. Improve: *a castle* (add two details).

3. Underline the noun phrase: *The tiny silver key* opened the chest.

4. Write an expanded noun phrase using *forest*.

5. Which is an expanded noun phrase: "ran quickly" or "the cracked wooden bridge"?

Challenge - Write one sentence that includes two different expanded noun phrases.

E07 Sentence types

English | Year 3-6 | Name or write each sentence type.

Name: _____ Date: _____

1. What type is: "Please close the gate."

2. What type is: "Did the gate creak?"

3. What type is: "The gate creaked in the wind."

4. What type is: "What a frightening sound that was!"

5. Write a command about staying safe near a road.

Challenge - Turn this statement into a question: "The train arrives at noon."

E08 End punctuation

English | Year 3-5 | Add missing capital letters and punctuation.

Name: _____ Date: _____

1. Correct: where is my coat

2. Correct: watch out for the puddle

3. Correct: we visited york in july

4. Correct: can you help me carry this box

5. Correct: what an enormous wave

Challenge - Write one question and one exclamation about a storm.

E09 Apostrophes

English | Year 4-6 | Use apostrophes accurately.

Name: _____ Date: _____

1. Write the contraction of *do not*.

2. Write the contraction of *we are*.

3. Correct: The dogs collar was red.

4. Correct: The girls coats were on hooks. (more than one girl)

5. Choose: Its / It's raining today.

Challenge - Write a sentence using a possessive apostrophe.

E10 Direct speech

English | Year 4-6 | Punctuate speech correctly.

Name: _____ Date: _____

1. Correct: i am ready said Aisha.

2. Correct: where are we going asked Ben.

3. What punctuation marks show the spoken words?

4. Add a reporting clause to: "The map is missing!"

5. Write one line of speech that is a question.

Challenge - Write a two-line dialogue between an explorer and a guide.

E11 Paragraphs and cohesion

English | Year 4-6 | Link ideas clearly.

Name: _____ Date: _____

1. Choose the best linker: I packed a coat. (However / Then / Because), I left for school.

2. Choose the best linker: It was raining. (Therefore / First / Meanwhile), we stayed indoors.

3. What does a paragraph usually focus on?

4. Replace repeated noun: "The robot waved. The robot smiled."

5. Put in a sensible order: Finally / First / Next.

Challenge - Write a short 3-sentence paragraph about a journey using one linker.

E12 Tense choices

English | Year 4-6 | Identify or change the tense.

Name: _____ Date: _____

1. What tense: "I am reading a book."

2. Change to past: "They walk home."

3. Change to present: "She jumped over the stream."

4. What tense: "We had finished before lunch."

5. Correct the shift: "He opened the door and sees a cat."

Challenge - Write a sentence in the future tense.

E13 Fronted adverbials

English | Year 4-6 | Add a comma after a fronted adverbial.

Name: _____ Date: _____

1. Add punctuation: Before breakfast we fed the chickens.

2. Write a fronted adverbial for time.

3. Write a fronted adverbial for place.

4. Write a fronted adverbial for manner.

5. Complete: __, the canoe slid into the water.

Challenge - Write a sentence using a fronted adverbial and a precise verb.

E14 Adverbs and adjectives

English | Year 3-5 | Describe nouns and verbs.

Name: _____ Date: _____

1. Choose an adjective: The ____ mountain rose above us.

2. Choose an adverb: The fox moved ____.

3. In "The bright star shone brightly", identify the adjective.

4. In "The bright star shone brightly", identify the adverb.

5. Improve: "The bird sang." Add an adverb.

Challenge - Write one sentence with an adjective and an adverb. Underline both.

E15 Modal verbs

English | Year 5-6 | Show possibility, certainty or obligation.

Name: _____ Date: _____

1. Choose a modal verb: You ____ wear a helmet on site. (must / might)

2. Choose a modal verb: It ____ rain later. (might / will)

3. Write a sentence using *should*.

4. Write a sentence using *could*.

5. Which modal verb shows strongest certainty: might, could or will?

Challenge - Rewrite "Perhaps the bridge is safe" using a modal verb.

E16 Reading: The hidden garden

English | Year 3-5 | Read the original passage, then answer in full sentences.

At the end of a narrow lane, Mara noticed a rusty gate hidden behind ivy. It creaked as she pushed it open. Beyond it lay a small garden where silver raindrops shone on every leaf. In the middle stood a stone bench, and beneath the bench Mara found a wooden box marked: "For the curious."

Name: _____ Date: _____

1. Where did Mara find the gate?

2. What sound did the gate make?

3. Give one detail that makes the garden seem special.

4. Why might the box be marked "For the curious"?

5. What do you predict Mara will do next? Use evidence.

Challenge - Find a word in the passage that means "covered or concealed".

E17 Reading: The power of trees

English | Year 4-6 | Read the original passage, then answer in full sentences.

Trees do more than make places look green. Their roots hold soil in place during heavy rain, reducing the risk of erosion. Their leaves take in carbon dioxide and release oxygen. Trees also provide homes and food for many animals. In cities, streets with trees can feel cooler because shade keeps the ground from heating up so quickly.

Name: _____ Date: _____

1. Give two ways trees help the environment.

2. What is erosion?

3. Why can streets with trees feel cooler?

4. Which sentence is the main idea of the passage?

5. Suggest a suitable heading.

Challenge - Do you think every playground should have trees? Give one reason.

E18 Instruction writing

English | Year 3-6 | Plan clear instructions for planting a seed.

Name: _____ Date: _____

1. Write a title that begins with a verb.

2. List three things you would need.

3. Write a command for the first step.

4. Write a time-order word.

5. Write one safety or care tip.

Challenge - Write 5-7 numbered instructions for planting the seed.

E19 Narrative planner

English | Year 3-6 | Plan an original story: *The day the compass pointed to home.*

Name: _____ Date: _____

1. Who is your main character? Give a name and one trait.

2. Where does the story begin?

3. What surprising problem occurs?

4. What clue does the compass give?

5. How is the problem resolved?

Challenge - Write an opening paragraph that sets the scene using an expanded noun phrase.

E20 Non-fiction report planner

English | Year 3-6 | Plan a report about an animal of your choice.

Name: _____ Date: _____

1. Write a factual title.

2. List three subheadings.

3. Write one fact about its habitat.

4. Write one fact about its diet.

5. Write a question you still need to research.

Challenge - Write a 4-sentence introduction using formal present tense.

E21 Poetry workshop

English | Year 3-6 | Build imagery around rain.

Name: _____ Date: _____

1. Write a simile for rain.

2. Write one alliterative phrase about rain.

3. Write a verb that could describe rain moving.

4. Write a sensory detail about the sound of rain.

5. Write a two-line rhyming couplet about rain.

Challenge - Write a 4-line poem that includes one simile or one example of alliteration.

E22 Handwriting and presentation

English | Year 3-6 | Copy each sentence in your neatest joined or print handwriting. Check capitals and punctuation.

Name: _____ Date: _____

1. Copy: "At dawn, the silent river turned gold in the sunlight."

2. Copy: "Could you carry the fragile glass jar carefully?"

3. Copy: "Mina whispered, "The path begins behind the waterfall.""

4. Circle the presentation goal you will focus on: size / spacing / slant / punctuation.

Challenge - Write your own carefully presented sentence containing a fronted adverbial.

E23 Editing challenge

English | Year 4-6 | Rewrite each sentence correctly.

Name: _____ Date: _____

1. Correct: yesterday we goed to the park.

2. Correct: the childrens bikes was muddy.

3. Correct: "wait for me" shouted sam

4. Correct: we packed apples sandwiches and water.

5. Correct: because it was late. We hurried home.

Challenge - Write two editing checks you should make before publishing writing.

E24 Grammar review

English | Year 5-6 | Apply a range of grammar knowledge.

Name: _____ Date: _____

1. Identify the determiner: *Those* lanterns glowed.

2. Identify the preposition: The cat slept *under* the chair.

3. Change to passive voice: "The chef cooked the meal."

4. Add parenthesis: The red kite is rare in this area.

5. Use a colon to complete: Pack three items __ water, a torch and a map.

Challenge - Write a sentence using a relative clause beginning with *which* or *who*.
