

2022 national curriculum tests

Key stage 1

**10
PACK**

Mathematics

Administering Paper 1: arithmetic

CONFIDENTIAL

The mathematics test must be administered during **May 2022**.
This pack must be kept secure and unopened until **Tuesday 3 May**.
The pack must not be opened until the pupils are in the test room ready to complete your school's first administration of the test.
Please ensure you have read and understood the 2022 test administration guidance before opening this pack.

Pack contents:

- Administration instructions for the key stage 1 mathematics test Paper 1: arithmetic (overleaf)
- 10 copies of Paper 1: arithmetic

For test administration

2022 key stage 1 mathematics test

The key stage 1 mathematics test consists of 2 papers. The papers must be administered in order. Pupils do not have to sit both papers on the same day. If both papers are administered on the same day, pupils may benefit from a break between papers. Both papers can be administered to the whole class, smaller groups of pupils or on an individual basis. Test packs must not be opened until the pupils are in the test room ready to complete your school's first administration of the test. All test materials, including unused test papers, must be stored securely until Wednesday 1 June.

Paper 1: arithmetic

The following information explains how to administer the key stage 1 mathematics Paper 1: arithmetic. If you have any questions, you should check with your headteacher or key stage 1 test co-ordinator before you administer the test.

Please follow these instructions correctly to ensure that the test is properly administered. Failure to administer the test correctly could result in a maladministration investigation.

Format	<ul style="list-style-type: none"> • Paper 1: arithmetic consists of a single test paper. • It is expected that Paper 1 will take approximately 20 minutes to complete, but it is not strictly timed. • It is at your discretion to choose when or if a pupil requires a break during the test or whether to stop the test early.
Equipment	<p>Each pupil will need the equipment specified below:</p> <ul style="list-style-type: none"> • a pencil or blue or black pen • a ruler • a rubber (optional) <p>If rubbers are not provided, tell pupils that they should cross out any answers they wish to change. Highlighter pens may be used if this is normal classroom practice.</p> <p>Pupils are not allowed:</p> <ul style="list-style-type: none"> • calculators • number apparatus, for example, base ten materials and number squares
Assistance	<ul style="list-style-type: none"> • You must ensure that nothing you say or do during a test could be interpreted as giving pupils an advantage, for example, indicating that an answer is correct or incorrect, or suggesting the pupil look at an answer again. • If a pupil requests it, you may read a question to them on a one-to-one basis. If reading to a pupil, you may only read numbers and not mathematical symbols. This is to ensure that pupils are not given an unfair advantage by having the function inadvertently explained by reading its name. • There is no specific hearing impairment guidance for this test, but be careful when signing numbers and mathematical signs. You must ensure you do not convey information that would give pupils an advantage. • Guidance for administering the test to pupils with a visual impairment is contained in the relevant modified test pack. • The examples below illustrate how to deal with some common situations. <ul style="list-style-type: none"> Question: What does this sign here mean? Answer: I can't tell you, but think hard and try to remember. We can talk about it after the test. Question: Does this mean 'take away'? Answer: I can't tell you, but think hard and try to remember. We can talk about it after the test. Question: What does 'of' mean? (If the pupil's query asks about an everyday word that has a mathematical meaning within the question, for example, 'What is half of 8?') Answer: I can't tell you, but think hard and try to remember. We can talk about it after the test.
Guidance for specific questions	<ul style="list-style-type: none"> • There are two different types of working space for the pupils to use. Sometimes there is a blank working space and other times there is a grid. Pupils can use these spaces to show any working. A grid is included for questions where pupils are more likely to use a written method.

Before the test begins	<ul style="list-style-type: none"> Review the list of pupils with any particular individual needs, for example, pupils who may need support from a scribe or a transcript made at the end of the test.
What to do at the start of the test	<ul style="list-style-type: none"> Check seating is appropriately spaced and that no pupil can see another pupil's test paper. Check pupils do not have mobile phones or other disruptive items. Check pupils do not have any materials or equipment that may give them extra help. Ensure each pupil has a copy of mathematics Paper 1: arithmetic.
How to introduce the test	<ul style="list-style-type: none"> It is important to brief pupils fully at the start of each test. Use these instructions to introduce Paper 1: arithmetic. The wording of these instructions can be adapted, provided the meaning is retained. <p><i>This is the mathematics test Paper 1: arithmetic. You should have a test booklet in front of you. This test will take around 20 minutes.</i></p> <p><i>Write your name on the front of your test booklet.</i></p> <p><i>Open the test booklet at page 3. We'll do one practice question together and then you'll need to complete the rest of the test by yourself.</i></p> Find the practice question on page 3. Read the practice question. <p><i>The practice question says:</i></p> <p><i>Three plus two equals...</i></p> <p><i>Write your answer in the box.</i></p> Give pupils the opportunity to answer the question in their booklet. If any pupil is not sure what to do, explain what they need to do to answer the question. Check that all pupils understand what they need to do before continuing. Tell the pupils: <p><i>In a moment, you will complete the rest of the questions on your own. You should try to answer all of the questions. If you can't answer a question, move on to the next one and come back to that question later on if you have time.</i></p> <p><i>There is space on the test paper if you need to do any working out. There are two different types of working out space for you to use. Sometimes there is a blank space and other times there is a grid to show your working. You should use these spaces for any written working that might help you answer the question.</i></p> <p><i>If you want to change an answer, you should rub it out or put a line through the answer that you don't want to be marked.</i></p> <p><i>You should put your final answer for each question in the answer box on the test booklet. Your answers should be numbers, not number sentences. For example, for the practice question, your answer should be 5, not 4 add 1</i></p> <p><i>Remember to check your work carefully.</i></p> <p><i>If you have any questions during the test, you should put your hand up and wait for someone to come over to you. Remember that we can't help you to answer any of the test questions.</i></p> <p><i>You need to work on your own. You need to think of your own answers and you mustn't talk about them with anyone else.</i></p> <p><i>Do you have any questions?</i></p> <p><i>Turn to page 4 and find question 1.</i></p> <p><i>Now start the test.</i></p>

How to deal with issues during the test	<p>It is impossible to plan for every scenario. Whatever action you take, pupil safety must always be your first consideration.</p> <p>In the following circumstances, you will need to stop the test either for an individual pupil or for the whole cohort:</p> <ul style="list-style-type: none"> • test papers are incorrectly collated or the print is illegible • an incorrect test has been administered • a fire alarm goes off • a pupil is unwell • a pupil needs to leave the room • a pupil is caught cheating <p>If you need to stop the test:</p> <ul style="list-style-type: none"> • make a note of the time • make sure pupils are kept under test conditions and that they are supervised • if pupils have to leave the room, ensure they do not talk about the test • speak to your test co-ordinator or a senior member of staff for advice on what to do next • consider contacting the national curriculum assessments helpline on 0300 303 3013 for further advice <p>You should brief your headteacher on how the incident was dealt with, once the test is over.</p>
What to do at the end of the test	<ul style="list-style-type: none"> • Follow your school's procedure for collecting and storing the pupils' test scripts. • If any test papers from the opened pack are unused, they must be stored securely and may be used for any subsequent administration of the test at your school. • All test materials, including any unused test papers, must be stored securely until Wednesday 1 June. • If you need to make a transcript of a test script, complete it with the individual pupil at the end of the test, under test conditions. Particular care should be taken to ensure accurate transcriptions are made and the pupil's answers are not corrected or amended.
Marking the tests	<ul style="list-style-type: none"> • Use the key stage 1 test mark schemes to mark the test, following both the general guidance and any specific guidance for each question.

2022 key stage 1 mathematics

Administering Paper 1: arithmetic

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