FREE SAMPLE

Trafford (FSCE format, English and maths): four-test pack

Four full mock tests in the new FSCE format announced for 2028 entry: Adventure, Beacon and Compass papers in English and maths, with answer sheets, explanations and a parent guide.

In this sample

- The first 5 pages of Test 1 (Question Booklet)
- The first 2 pages of the Test 1 answers

In the full pack

- Four complete mock tests (Tests 1 to 4)
- Answer sheets (where the test uses them), answers and explanations or mark schemes
- A parent guide to the format, timings and how to use the tests

Original practice material, written for NITU. Not an official paper and not produced by any school, council, consortium or test provider. Where the real test's details are not published, the papers say so and label our choice as an assumption. Practice cannot predict a result and does not guarantee a place.

You may print this sample for use in your own household.

NITU · Next Intake Test Uplift · Digichange Publication

NITU · NEXT INTAKE TEST UPLIFT · FSCE FORMAT · ENGLISH AND MATHS · ORIGINAL PRACTICE MATERIAL

Trafford-style Entrance Mock Test 1

Question booklet · for entry to Year 7 in September 2028

Name: _____ **Date:** _____

How to use this booklet

1. There are three papers: **Adventure**, **Beacon** and **Compass**. All three test English and maths only. They can be done in any order, with a break between them or on different days.
2. Use a clock or timer. Allow about **45 minutes** for each paper (assumed). No calculator. Use a black pen for the answer sheet, as in the real test.
3. **Adventure and Compass:** choose one answer for each question and shade the oval on the answer sheet. To change an answer, cross it out and shade the new oval.
4. **Beacon:** write short answers on the answer sheet, one digit or one capital letter per box.
5. Wrong answers do not lose marks, so answer every question. The content is Key Stage 2 English and maths up to the end of Year 5, applied in ways you may not have met before: use what you know.

Structure of this test

Paper	Content	Questions	Answer style
Adventure	English (reading and grammar) and maths	27	Shade an oval (A–D)
Beacon	Maths and English, short answers	24	Digits or capital letters in boxes
Compass	English (a second short passage) and maths	30	Shade an oval (A–D)

What this paper is based on. The Trafford Grammar School Consortium (Altrincham Boys, Altrincham Girls, Sale, Stretford and Urmston) has announced that Future Stories Community Enterprise (FSCE) will provide its admissions test for entry in September 2028, sat in September 2027 and based on Key Stage 2 English and mathematics up to the end of Year 5. The paper names and answer styles here (Adventure: shaded ovals; Beacon: one digit or capital letter per box; Compass: shaded ovals; no penalty for wrong answers) follow FSCE's published candidate guide. **Our assumptions:** that Trafford uses these paper types, the number of questions and minutes per paper, four options per question, and the English/maths mix in each paper, because Trafford has not published them. All questions are original.

Original mock test, not an official paper and not produced by Future Stories Community Enterprise, the Trafford Grammar School Consortium, any school or any council.

© 2026 Digichange Publication. For use by the purchaser's own household only; not for resale or sharing.

Paper 1 · Adventure

27 questions · about 45 minutes

Shade one oval for each question. Read the passage, then answer questions 1–5.

Light in Disguise

Sunlight looks white, but it is really a mixture of many colours travelling together. You can see this for yourself on a showery day when the sun is low behind you. Each falling raindrop acts like a tiny prism: as light enters the drop it bends, bounces off the back and bends again on the way out.

Each colour bends by a slightly different amount, so the white light is split apart into a band of colours: red, orange, yellow, green, blue, indigo and violet. Red always appears on the outside of the arc and violet on the inside.

Sometimes a second, fainter rainbow appears above the first. In this double rainbow the order of the colours is reversed, because the light has bounced twice inside each drop. The sky between the two bows often looks darker than the sky around them.

1. According to the passage, what is sunlight really made of?

A Only yellow light
B A mixture of many colours
C Tiny raindrops
D Heat and wind

2. Where should the sun be for you to see a rainbow?

A Low and behind you
B High and in front of you
C Hidden by clouds
D Directly overhead

3. What does each raindrop act like?

A A mirror on a wall
B A torch
C A magnet
D A tiny prism

4. Which colour is always on the outside of the main rainbow?

A Violet
B Green
C Red
D Yellow

5. Why are the colours reversed in the second rainbow?

A The sun has moved
B The light has bounced twice inside each drop
C The rain has stopped
D The drops are bigger

Adventure · Questions 6–27

Literacy, then maths

6. Choose the word that is spelt correctly.

A separate
B seperate
C seprate
D separete

7. Which sentence is punctuated correctly?

A Look at the rainbow Sam!
B Look, at the rainbow Sam!
C Look at the, rainbow Sam!
D Look at the rainbow, Sam!

© 2026 Digichange Publication. For use by the purchaser's own household only; not for resale or sharing.

8. Choose the word that completes the sentence. The rain fell ___ the window.

A passed **B** pased
C past **D** paste

9. Which word is closest in meaning to FAINT?

A strong **B** pale
C loud **D** sharp

10. Which word is opposite in meaning to REVERSED?

A unchanged **B** backwards
C swapped **D** flipped

11. Which word is an adjective? A bright arc filled the sky.

A arc **B** filled
C sky **D** bright

12. Which sentence is in the past tense?

A The rainbow fades slowly. **B** The rainbow will fade slowly.
C The rainbow faded slowly. **D** The rainbow is fading slowly.

13. Which sentence uses brackets correctly?

A The colours seven (of them) were clear. **B** The colours (seven of them) were clear.
C The (colours seven of them) were clear. **D** The colours seven of them (were clear).

14. Choose the word that completes the sentence. We waited ___ the shower ended.

A until **B** unless
C because **D** although

15. Choose the word that completes the sentence. The rainbow was ___ than yesterday's.

A brightest **B** more brighter
C brightly **D** brighter

16. What is 0.6 + 0.92?

A 1.42 **B** 1.51
C 1.52 **D** 1.72

17. A rectangle has a perimeter of 20 cm and a width of 4 cm. What is its length?

A 16 cm **B** 6 cm
C 4 cm **D** 10 cm

18. A train leaves at 13:47 and the journey takes 1 hour 53 minutes. At what time does it arrive?

A 15:40 **B** 15:20
C 15:50 **D** 14:40

19. £25 is shared between two people in the ratio 1 : 4. How much is the smaller share?

A £10 **B** £12
C £15 **D** £5

20. Two angles of a triangle are 35° and 64°. What is the third angle?

A 71° **B** 91°
C 81° **D** 99°

© 2026 Digichange Publication. For use by the purchaser's own household only; not for resale or sharing.

21. What is 8,032 rounded to the nearest hundred?

A 8,100 **B** 8,000
C 8,030 **D** 7,999

22. A shape is made by joining a rectangle measuring 11 cm by 4 cm to a square of side 4 cm along one edge, with no overlap. What is the total area?

A 60 cm² **B** 48 cm²
C 56 cm² **D** 46 cm²

23. 12 pens cost £4.20. How much do 18 pens cost?

A £7 **B** £5.60
C £6 **D** £6.30

24. Which is the largest of these fractions?

A 13/16 **B** 7/12
C 7/8 **D** 17/24

25. What is the volume of a cuboid measuring 7 cm by 7 cm by 4 cm?

A 189 cm³ **B** 196 cm³
C 53 cm³ **D** 210 cm³

26. A coat costs £200. The price goes up by 50%, then the new price is reduced by 10%. What is the final price?

A £270 **B** £282
C £272 **D** £280

27. The temperature is −5°C. It rises by 11°C, then falls by 16°C. What is the final temperature?

A −8°C **B** −12°C
C −14°C **D** −10°C

END OF ADVENTURE

© 2026 Digichange Publication. For use by the purchaser's own household only; not for resale or sharing.

Paper 2 · Beacon

24 questions · about 45 minutes

Write each answer on the answer sheet, one digit or one capital letter per box. Questions 1–12 are maths; 13–24 are English.

1. What is 5,644 + 3,539?
Write the answer in the boxes, one digit per box.

2. What is 8,000 − 3,721?
Write the answer in the boxes, one digit per box.

3. What is 48 × 16?
Write the answer in the boxes, one digit per box.

4. What is 885 ÷ 15?
Write the answer in the boxes, one digit per box.

5. What is four fifths of 65?
Write the answer in the boxes, one digit per box.

6. What is 25% of 480?
Write the answer in the boxes, one digit per box.

7. What is the next number in the sequence 5, 9, 15, 23, ___ ?
Write the answer in the boxes, one digit per box.

8. What is the mean of 27, 26, 25, 23 and 14?
Write the answer in the boxes, one digit per box.

9. 9n + 15 = 159. What is the value of n?
Write the answer in the boxes, one digit per box.

10. A museum sold 360 tickets on Friday. On Saturday it sold 40 more than on Friday. On Sunday it sold half as many as on Saturday. How many tickets were sold in total?
Write the answer in the boxes, one digit per box.

11. A × 8 = 272. What is the value of A?
Write the answer in the boxes, one digit per box.

12. I think of a number, multiply it by 4, then subtract 11. The answer is 25. What was my number?
Write the answer in the boxes, one digit per box.

13. Which letter marks the word that is spelt wrongly? The (A) raindrops (B) sparkled (C) like (D) dimonds (E) today.
Write ONE capital letter in the box.

14. Which letter marks the verb? The (A) colourful (B) bow (C) stretched (D) across (E) town.
Write ONE capital letter in the box.

15. Which letter marks the adjective? (A) Slowly (B) the (C) grey (D) clouds (E) parted.
Write ONE capital letter in the box.

16. Which letter marks the adverb? We (A) watched (B) the (C) grey (D) sky (E) silently.
Write ONE capital letter in the box.

17. Which letter marks the word that needs a capital letter? We (A) drove (B) to (C) wales (D) last (E) week.
Write ONE capital letter in the box.

© 2026 Digichange Publication. For use by the purchaser's own household only; not for resale or sharing.

Trafford-style Entrance Mock Test 1

Answers and explanations

Every question in this test was written for this product. Maths answers were computed and re-checked by script; the English answers were checked against the passages and the grammar rules. If you spot a mistake, tell us and we will correct it. Beacon marks: one mark per correct answer; for digit answers all digits must be right. Answer positions are balanced across A–D.

Adventure

Q	Ans	Skill	Why
1	**B**	Comprehension: retrieval	The first sentence says sunlight is a mixture of many colours.
2	**A**	Comprehension: retrieval	Paragraph 1: when the sun is low behind you.
3	**D**	Comprehension: retrieval	Each falling raindrop acts like a tiny prism.
4	**C**	Comprehension: retrieval	Paragraph 2: red always appears on the outside.
5	**B**	Comprehension: inference	Paragraph 3 explains the double bounce.
6	**A**	Spelling	separate has “par” in the middle.
7	**D**	Punctuation: commas	A comma separates the name of the person spoken to.
8	**C**	Grammar: homophones	“Past” describes position; “passed” is a verb.
9	**B**	Vocabulary: synonyms	A faint rainbow is pale and hard to see.
10	**A**	Vocabulary: antonyms	Reversed means the other way round; unchanged means the same.
11	**D**	Grammar: word classes	“Bright” describes the arc.
12	**C**	Grammar: tense	“Faded” is the past tense.
13	**B**	Punctuation: brackets	The brackets hold extra information.
14	**A**	Grammar: conjunctions	“Until” means up to the time when.
15	**D**	Grammar: comparatives	A comparative is needed before “than”.
16	**C**	Decimals	0.60 + 0.92 = 1.52.
17	**B**	Measure: perimeter	Half the perimeter is 10 cm; 10 − 4 = 6 cm.
18	**A**	Measure: time	13:47 + 1 h = 14:47; + 53 min = 15:40.
19	**D**	Ratio	1 + 4 = 5 parts; £25 ÷ 5 = £5; 1 × £5 = £5.
20	**C**	Geometry: angles	Angles in a triangle total 180°: 180 − 99 = 81°.
21	**B**	Number: rounding	Look at the tens digit (3); round down to 8,000.
22	**A**	Measure: area	44 + 16 = 60 cm².
23	**D**	Proportion	One pen costs £4.20 ÷ 12 = 35p; 18 pens cost 18 × 35p = £6.30.
24	**C**	Fractions: ordering	As decimals: 7/12 = 0.583, 19/24 = 0.792, 17/24 = 0.708, 7/8 = 0.875, 13/16 = 0.812, so 7/8 is the largest.
25	**B**	Measure: volume	7 × 7 × 4 = 196 cm³. (210 is the total area of the six faces, not the volume.)

© 2026 Digichange Publication. For use by the purchaser’s own household only; not for resale or sharing.

26	**A**	Percentages: multi-step	50% of £200 is £100, so the new price is £300. 10% of £300 is £30, so the final price is £300 − £30 = £270.
27	**D**	Negative numbers	−5 + 11 = 6; 6 − 16 = −10°C.

© 2026 Digichange Publication. For use by the purchaser's own household only; not for resale or sharing.