# Cotsford Primary School
# Home learning

## Year 6
## Spring 2

English Lesson 1.

**Watch both clips of The Tin Forest by Helen Ward and Wayne Anderson.**



https://www.youtube.com/watch?v=AP5PNOIU4ns
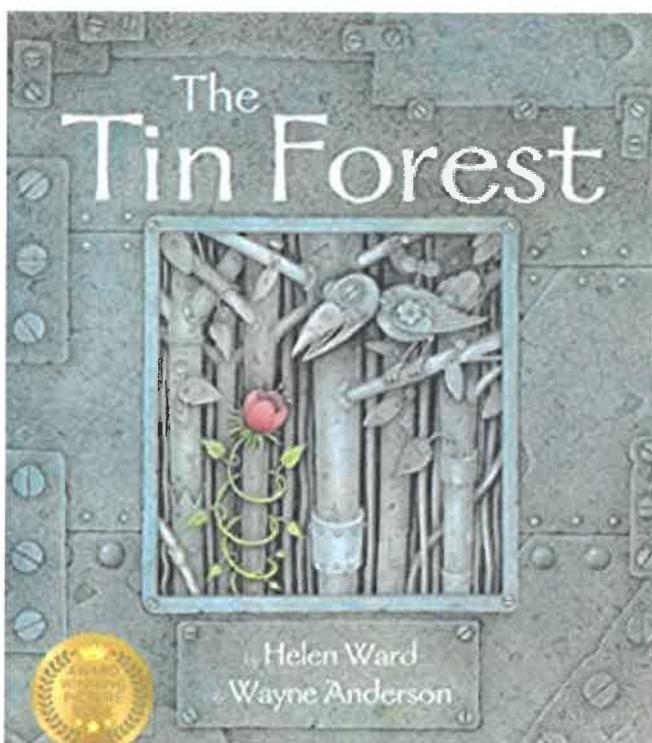
https://www.youtube.com/watch?v=_j_XPFxy5js

English Lesson 2.

# The Tin Forest Compare and Contrast

Compare and contrast the tin forest and the real forest. Are there any aspects that are the same?

| The Tin Forest | Both Forests | The Real Forest |
|---|---|---|
| | | |

English lesson 4.

# Uplevelling Descriptive Writing: Fantasy

Read through the descriptive writing below and use the checklist to see which features the author has managed to include. When you have finished, give the author feedback on their writing using the boxes below.

**Features that I really liked:**

1. _____

2. _____

**Features that I would improve:**

1. _____

2. _____

3. _____

**Has the author included...**

☐ a description of what can be seen?

☐ a description of what can be heard?

☐ a description of what can be felt?

☐ a description of the weather?

☐ powerful adjectives to describe the atmosphere?

☐ a variety of sentence structures?

The Forest of Lox is amazing. Although it is nearly always damp with drizzle, it is still probably one of the most amazing places that you will ever see in your life. Although it is filled with so many tall trees that you can't always see the sky, it is never dark. This is because it is home to millions of fireflies who spend every day floating around the trees and mushrooms. There are many rumours that the mushrooms in the Forest of Lox can grant you any wish if you can tell them a joke which makes them laugh.

The inhabitants of the Forest of Lox are usually shy and can rarely be seen. You can, however, hear the fluttering of fairy wings and the sound of tiny footsteps if you listen very, very carefully.

English Lesson 6.

# The Tin Forest



Can you write a paragraph about this scene?

English Lesson 8.

# The Tin Forest

How does the old man feel?

English Lesson 10.

# The Tin Forest

Can you write a paragraph about this scene?

Maths Lesson 1.

## Monster Line-Up

| 0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|

| 0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1 |
|---|------|------|------|------|------|------|------|------|------|---|
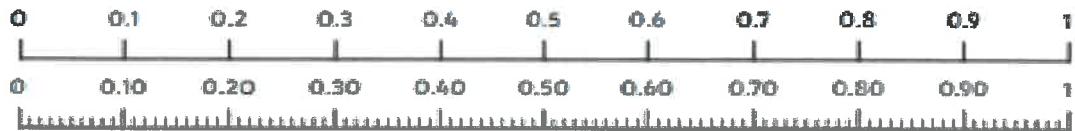
The pupils in Class 3 at Monster High need to line up in height order for their class photo.
Cut out each monster and stick them in order from smallest to largest. Use the number line to help you to work out the order.
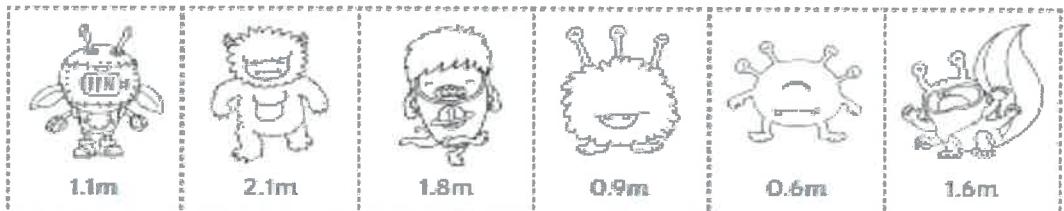
| 1.1m | 2.1m | 1.8m | 0.9m | 0.6m | 1.6m |
|------|------|------|------|------|------|

Complete the statements by writing < or > in each box.

0.6m ☐ 1.1m    1.1m ☐ 0.9m    1.8m ☐ 0.6m

2.1m ☐ 1.8m    1.6m ☐ 2.1m    0.9m ☐ 1.6m

Next, it's Class 4's turn for their photo so they need to line up in height order too.
Cut them out and put them in order from smallest to largest. Use the number line to help you to work out the order.
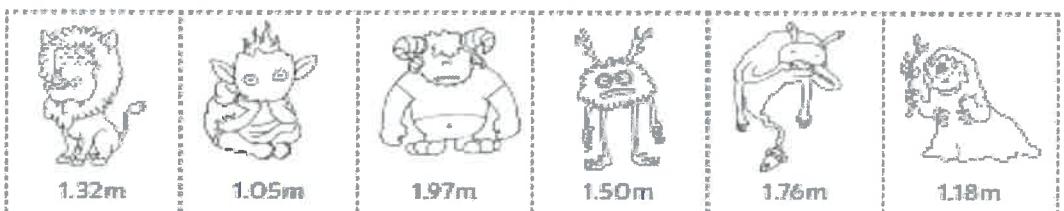
| 1.32m | 1.05m | 1.97m | 1.50m | 1.76m | 1.18m |
|-------|-------|-------|-------|-------|-------|

Complete the statements by writing < or > in each box.

1.97m ☐ 1.32m    1.50m ☐ 1.76m    1.50m ☐ 1.05m

1.18m ☐ 1.05m    1.97m ☐ 1.18m    1.76m ☐ 1.32m

Maths Lesson 2.

# Monster Line-Up

The pupils in Class 3 at Monster High are all different heights. Cut out each monster. Draw a number line and put each monster in the appropriate place on your number line.
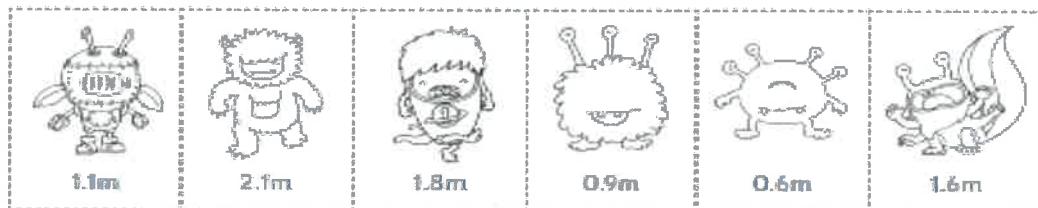
| 1.1m | 2.1m | 1.8m | 0.9m | 0.6m | 1.6m |
|------|------|------|------|------|------|

Complete the statements by writing < or > in each box.

0.6m [ ] 1.1m    1.1m [ ] 0.9m    1.8m [ ] 0.6m

2.1m [ ] 1.8m    1.6m [ ] 2.1m    0.9m [ ] 1.6m

Class 4 at Monster High have measured themselves more accurately. Cut out each monster and draw another number line to place these monsters on.

| 1.32m | 1.05m | 1.97m | 1.50m | 1.76m | 1.18m |
|-------|-------|-------|-------|-------|-------|

Complete the statements by writing < or > in each box.

1.97m [ ] 1.32m    1.50m [ ] 1.76m    1.50m [ ] 1.05m

1.18m [ ] 1.05m    1.97m [ ] 1.18m    1.76m [ ] 1.32m

# Decimal Place Value Challenge

Arrange all the digits to make a decimal number that meets the given criteria.

1. Between 23 and 25:
   **4, 2, 7**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

2. Between 35 and 37:
   **9, 6, 3**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

3. Between 19 and 21:
   **8, 0, 2**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

4. Between 63 and 65:
   **4, 6, 3**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

5. Between 80 and 82:
   **5, 1, 8**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

6. Between 25 and 27:
   **6, 2, 2**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

7. Between 12 and 14:
   **9, 1, 3**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

8. Between 86 and 88:
   **8, 1, 7**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

9. Between 44 and 46:
   **6, 4, 5**

   | T | O | . | t |
   |---|---|---|---|
   |   |   |   |   |

10. Arrange the following digits to make the largest decimal number possible:
    **5, 3, 8**

    | T | O | . | t |
    |---|---|---|---|
    |   |   |   |   |

11. Use the same digits to make the smallest decimal number.

    | T | O | . | t |
    |---|---|---|---|
    |   |   |   |   |

Maths Lesson 4.

## Ordering Numbers 0 to 10 with 1 Decimal Place

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
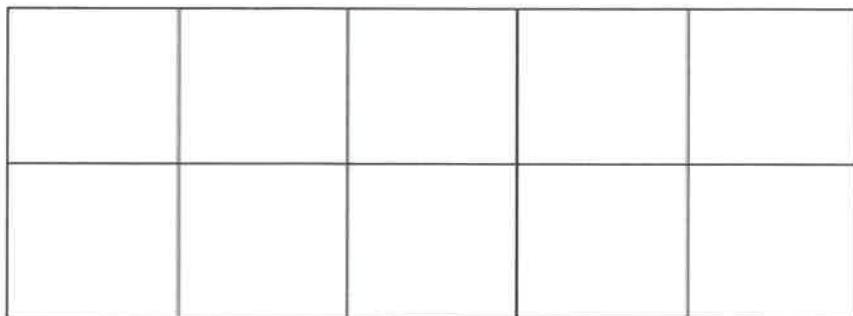
Cut out the cards and order the numbers starting from the smallest to the biggest.

| 9.6 | 5 | 9.5 | 5.3 | 3.9 |
|---|---|---|---|---|
| 7.9 | 1.7 | 2.7 | 6.6 | 1.6 |

# Decimals Addition

Work out the calculations.

| a) | £3.40 <br> + £2.20 | b) | £4.20 <br> + £3.60 | c) | £5.30 <br> + £2.60 | d) | £3.30 <br> + £6.40 |
|----|----|----|----|----|----|----|----|
| e) | £4.50 <br> + £3.40 | f) | £3.70 <br> + £8.20 | g) | £5.50 <br> + £6.40 | h) | £4.50 <br> + £7.60 |
| i) | £7.70 <br> + £6.30 | j) | £9.60 <br> + £3.80 | k) | £13.72 <br> + £ 8.60 | l) | £14.30 <br> + £ 8.80 |

1) £3.20 + £2.30 = _____      5) £8.70 + £4.40 = _____

2) £4.10 + £3.50 = _____      6) £7.40 + £7.50 = _____

3) £5.40 + £3.50 = _____      7) £6.90 + £5.40 = _____

4) £7.20 + £3.60 = _____      8) £9.40 + £7.90 = _____

1. I spent £15.20 in one shop, £5.80 in another and £3.25 in the last shop.
   How much money did I spend altogether?

   _____

# Subtraction of Decimals

Solve these calculations using a written method:    Work these out in your head, then check the answer:

a) £3.45
-£2.32
_____

b) £6.85
-£4.95
_____

c) £9.54
-£7.65
_____

d) £7.32
-£2.46
_____

e) £2.65
-£1.34
_____

f) £9.85
-£2.92
_____

g) £8.23
-£3.52
_____

h) £7.43
-£3.54
_____

i) £5.24
-£1.14
_____

j) £12.87
-£2.65
_____

k) £13.35
-£5.24
_____

l) £16.97
-£9.86
_____

m) £3.50 - £1.10 = _____

n) £4.30 - £2.10 = _____

o) £6.50 - £2.30 = _____

p) £4.20 - £1.40 = _____

q) £5.20 - £2.10 = _____

r) £9.40 - £3.30 = _____

s) £7.60 - £2.50 = _____

t) £4.60 - £1.30 = _____

u) I saved £17.50 and spent £13.64 in the shop. How much money do I have left?

_____

v) I spend £16.25. How much change do I get from £20?

_____

w) I have a piece of ribbon which measures 6.75m. I cut 2.65m from the ribbon, and then chop another 1.25m off. How much ribbon do I have left from the original piece?

_____

Maths Lesson 7.

# Adding and Subtracting Decimals

Each pair of blocks totals the block above them. Use addition and subtraction to fill in the missing decimals and complete the steps.

**1.**

| | |
| --- | --- |
| 3.3 | 1.2 | 0.1 |

**2.**

| | |
| --- | --- |
| 2.3 | 1.2 | 4.2 |

**3.**

4.7

| | |
| --- | --- |
| 3.6 | | 2.9 |

**4.**

10.7

5.2

2.1

**5.**

12.1

6.4

4.1

**6.**

12.5

| | |
| --- | --- |
| 4.4 | 3.7 | 0.7 |

**7.**

27.4

19.2

4.6

**8.**

12.5

| 0.2 | 9.9 |

**9.**

13.7

| 5.4 | | 6.9 |
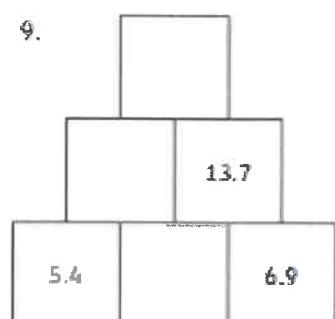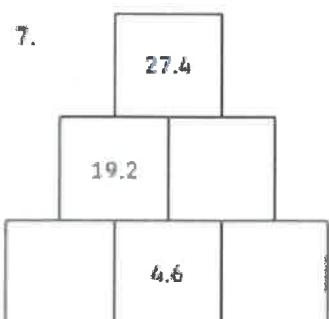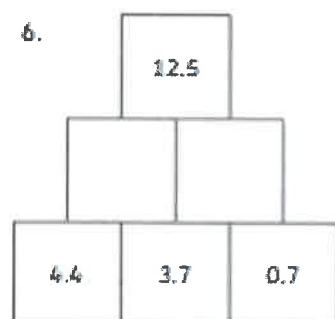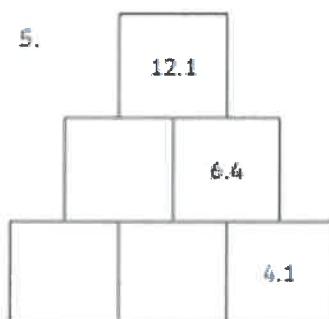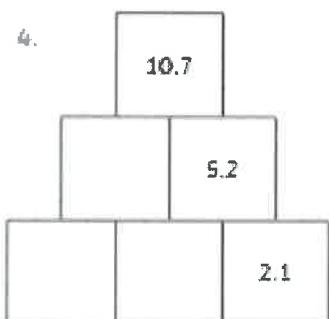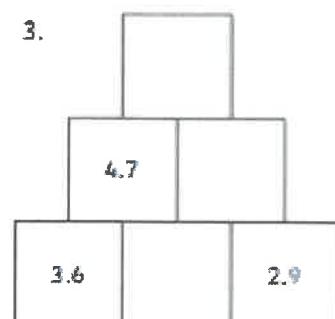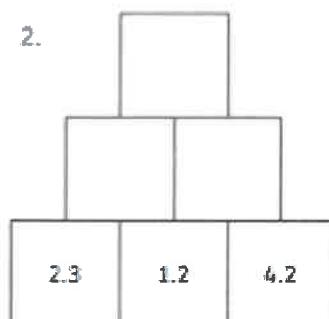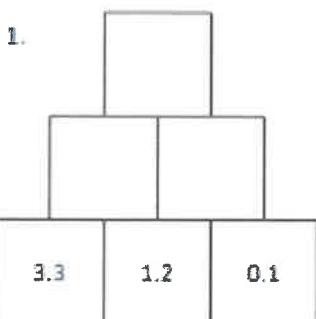
# Maths Lesson 8.

1) Complete the sentences to calculate how much money is in each savings jar.
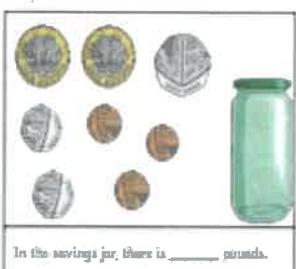
In the savings jar, there is _____ pounds.

In the savings jar, there is _____ pence.

This is £_____ and _____ pence.

There is £_____ in the savings jar.

In the savings jar, there is _____ pounds.

In the savings jar, there is _____ pence.

This is £_____ and _____ pence.

There is £_____ in the savings jar.

2) Complete the part-whole models

£12.90

£13.50

£8.71
£2, £1, 50p, 70p

£5.20
£5, 20p
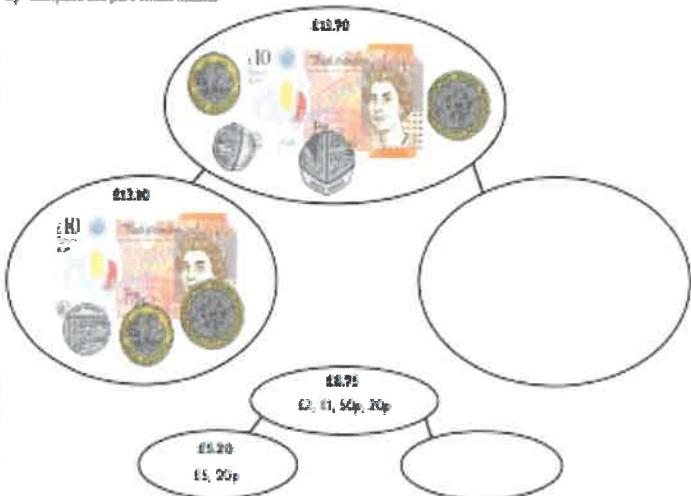
3) Convert these amounts to pounds and pence and using the £ sign. The first one is done for you

a) 265p = 2 pounds and 65 pence = £2.65

b) 205p = _____

c) 65p = _____

d) 250p = _____

# Maths Lesson 9.

1) A book costs £2.50



I have two £1 coins, two 20p coins and a 5p coin. — Tom

I have a £2 coin, three 10p coins and four 5p coins. — Sam

Can both of the children afford to buy the book? Explain how you know.

_____

_____

_____

_____

2) Lisa has been writing these pence amounts using a £ sign. Tick the correct answers. Explain any errors that Lisa has made and write the correct answer.

| Pence | Using £ Sign | ✓ or ✗ | Error/Correct Answer |
|-------|-------------|--------|----------------------|
| 1308p | £13.08 | | |
| 350p | £3.5 | | |
| 1403p | £140.3 | | |
| 780p | £7.80 | | |

3) Mo has 5 coins that make £1.75 in total. Four of the coins are given. Explain which of the following sets of coins Mo could have and write what the missing coin is.

| £1, 50p, 10p, 10p, ?p | _____ |
|-----------------------|----------------------------------|
| 50p, 50p, 50p, 10p, ?p | _____ |
| £1, 50p, 20p, 3p, ?p | _____ |
| 55p, 50p, 50p, 10p, ?p | _____ |

Maths Lesson 10.

# Money Problems

1. I buy three cans of cola for 80p each. How much have I spent altogether?

   _____

2. I buy a pack of pencils for £1 and a notebook for £1.50. How much have I spent altogether?

   _____

3. Henry buys two ice-creams for 70p each and a packet of crisps for 50p. How much has he spent altogether?

   _____

4. How much have I spent altogether if I buy a book for £5 and two bouncy balls at £1.50 each?

   _____

5. At a bake sale, Jenny buys four cakes that cost 20p each and one drink for 50p. How much has she spent altogether?

   _____

6. Tickets to the school play cost £2 for adults and 50p for children. How much will it cost to buy 2 adult tickets and 2 child tickets?

   _____

7. Joel buys four bananas for 30p each and one apple for 40p. How much has he spent altogether?

   _____