



# New Horizons Home Learning: Term 2

Please hand in by Wednesday 12<sup>th</sup>  
December

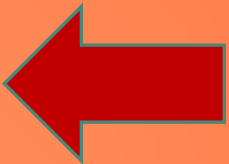


YEAR GROUP  
WINNER

WEEKLY



1 STUDENT



EVERY COMPLETED and  
SIGNED TASK



1 STUDENT

**EVERY**  
SCHOOL DAY  
COUNTS



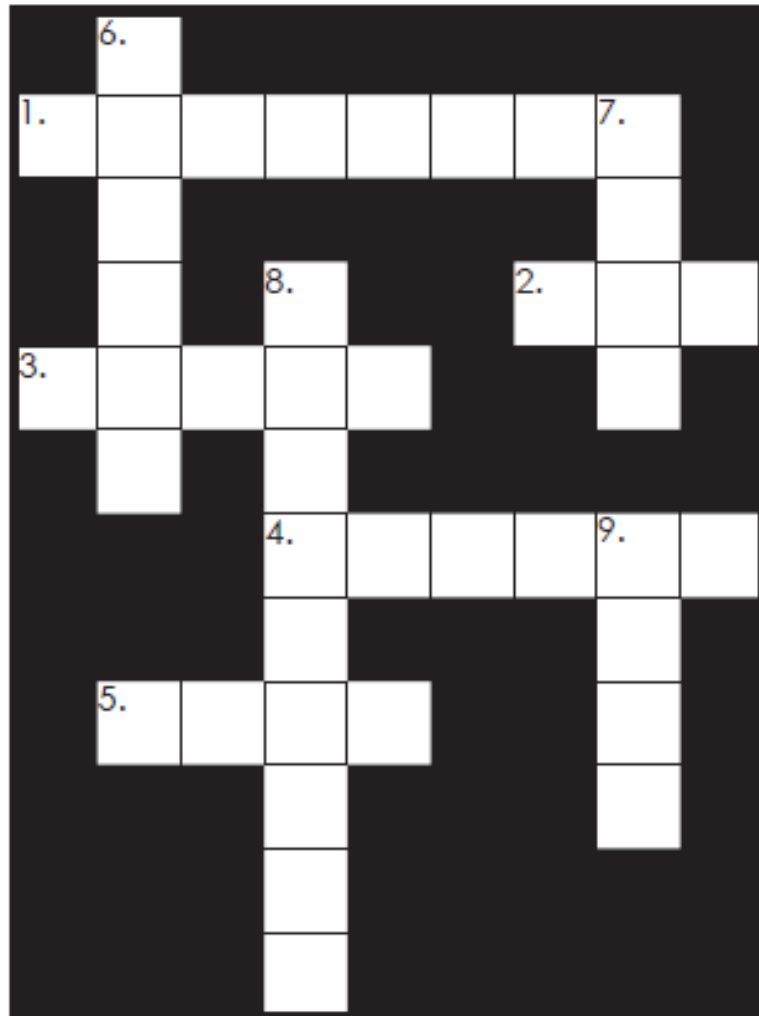
IF YOUR  
ATTENDANCE IS  
92% or HIGHER

WEEKLY



1 STUDENT

# DT Crossword



Across:

1. Tool used to cut straight lines. (5,3)

2. Storage unit. (3)

3. Cut at a 45 degree angle. (5)

4. Health & ..... (6)

5. Used to join materials. (4)

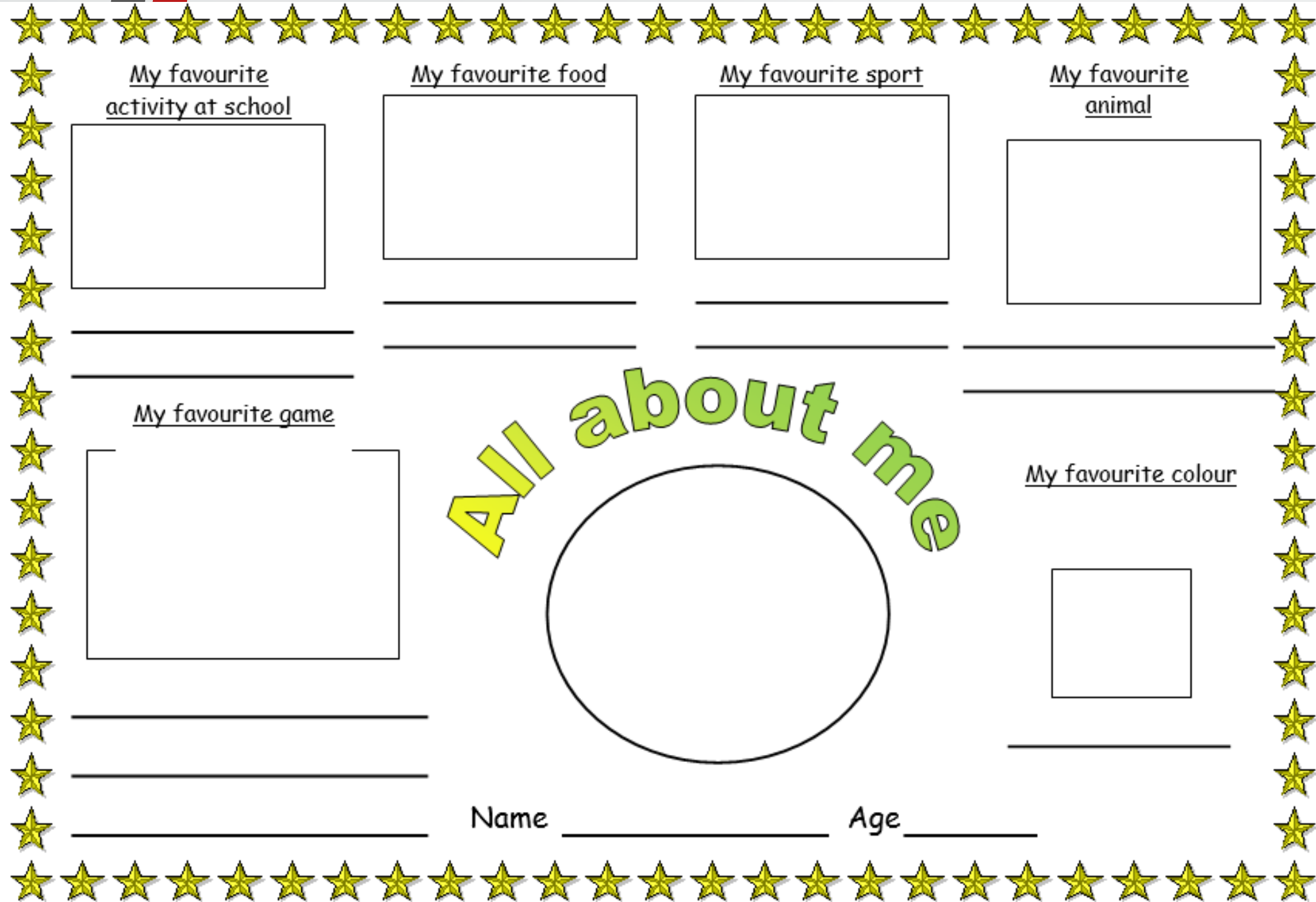
Down:

6. Used to mark wood. (6)

7. Material e.g. pine. (4)

8. Tool used to check right angles. (3,6)

9. Saws and hammers are types of .... (4)



My favourite activity at school

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My favourite food

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My favourite sport

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My favourite animal

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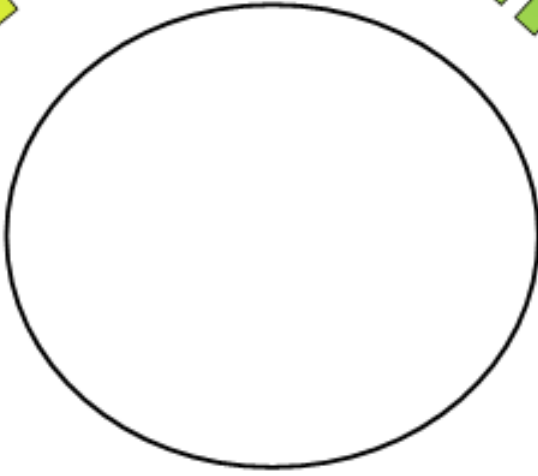
My favourite game

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All about me



My favourite colour

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Name \_\_\_\_\_ Age \_\_\_\_\_

Draw a picture of yourself in the circle, then draw a picture for every box, with a short description of what your favourite things are!

# BASKETBALL

## Missing Words-Fill in the blanks.

Basketball Team Five 10

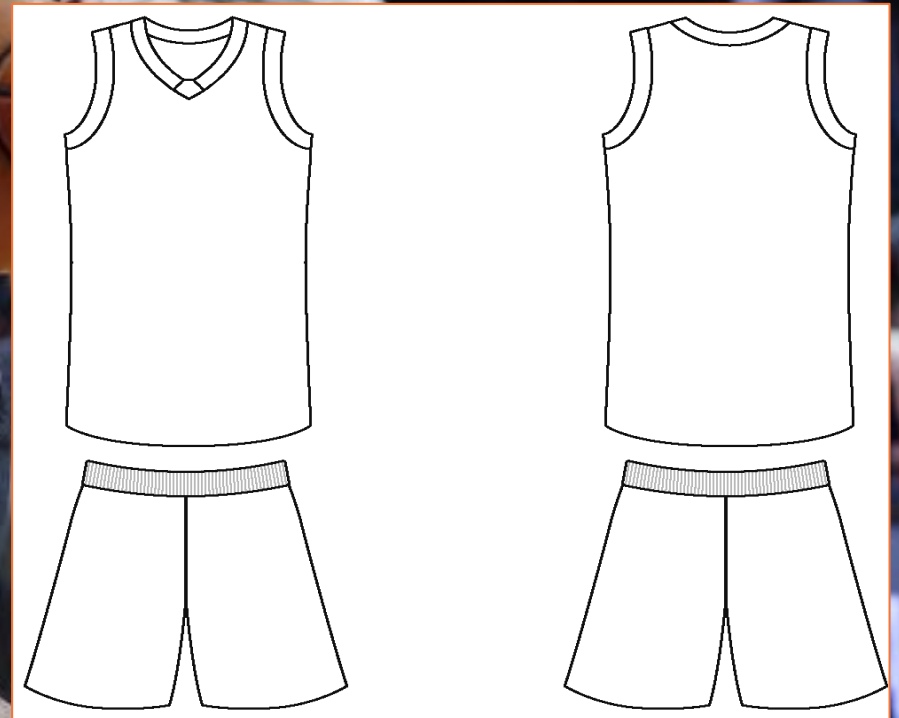
Rectangular Shooting Hoop Three

Backboard Goal Foul Free Throws

Points Wins Period Overtime

**Basketball** is a \_\_\_\_ sport in which two teams of players, opposing one another on a \_\_\_\_\_ court, compete with the primary objective of \_\_\_\_\_ a basketball through the defender's \_\_\_\_\_ (a basket 18 inches (46 cm) in diameter mounted \_\_\_ feet (3.048 m) high to a \_\_\_\_\_ at each end of the court) while preventing the opposing team from shooting through their own hoop. A field goal is worth two points, unless made from behind the \_\_\_\_\_-point line, when it is worth three. After a \_\_\_\_\_, timed play stops and the player fouled or designated to shoot a technical foul is given one or more one-point \_\_\_\_\_. The team with the most at the end of the game \_\_\_\_\_, but if regulation play expires with the score \_\_\_\_\_ tied, an additional \_\_\_\_\_ of play (\_\_\_\_\_) is mandated.

Design your own Basketball Jersey and create your own logo/badge for the team in the box provided



	calculation	answer
1) Mike plays 22 Xbox games. He scores 9.2 points in each game. How many points does he score altogether?		
2) Tori runs 5.4 miles every day. If she runs for 18 days, how far does she run?		
3) Harry C. does a sponsored silence. For every hour, he must be silent he raises £8.50. How much will he raise if he stays silent for 19 hours?		
4) Mike needs to replace the fencing around the muga. If the length is 15.8m. and the width is 8.42m What is the perimeter of the muga?		
5) Brandon's car drives 6.3 miles on one litre of petrol. How many miles will he cover on 14 litres of petrol?		
6) Cameron's hair grows 0.8 cm per month. How many cm will his hair grow in 2 years?		

1	Add together 1284 and 937.6 (show working)	11	What is 92% as a decimal?
2	Multiply 71 by 3 (show working)	12	How many lines of symmetry does a kite have?
3	Subtract 329 from 821 (show working)	13	What is 9 squared?
4	Divide 291 by 7 (show working)	14	How many degrees are there in a triangle?
5	Shade $\frac{3}{4}$ of this diagram <div style="display: flex; justify-content: center; gap: 10px; margin-top: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div>	15	What is the mode of these numbers 50, 10, 50, 10, 10, 20, 50, 10
6	What is $\frac{3}{4}$ of 120?	16	How many m are there in 2km?
7	Write 9:35pm using the 24 hour clock.	17	What is the probability of throwing a 5 or a 6 on a 6 sided dice?
8	How many days are there in 2 years (neither are leap years)?	18	How many sides does a hexagon have?
9	If $p = 8$ what is $4p$ ?	19	What are the factors of 24?
10	If $y=8$ what is $y+11$	20	Give the first 5 multiples of 15

# English

KS3 (Yr 8/9)

Write and illustrate a story that begins -

'The sun beat down. There seemed to be no water on this island...'

KS4 (Yr 10/11)

Write a letter to your MP. Your letter should address something you feel passionate about, and about which you feel the law should be changed, or something your MP should intervene with. It may be something that has affected you personally, your family, your neighbourhood, or something that affects the wider world.

# Science

KS3 (Yr8 & 9)

Find and Print 5 current news articles related to Science (this can be local, national or international)

KS4 (Yr 10 & 11)

Find 5 jobs that require a CHEMISTRY qualification and how they use it in their job role.



# Art



Santa has decided to “pimp up his ride” (re-design) his sleigh!

By special invitation you can join in and use your imagination to design your own sleigh for santa....

# Food

Produce a poster or a table listing at least 5 vitamins or minerals. You will then need to explain the reason why the vitamins are needed and the food you can get them from.

