Welcome to Holcombe Grammar School

Name __________________________________________________________________________________

Form group: _______________________________________________________________________

**Summer Tasks**

You are advised to spend approx. 3-5 hours working on these tasks in preparation for your studies with us next year. Please complete on lined paper where necessary.

The work must be submitted to your Form Tutor on Tuesday 4th September 2018

Aspire & Achieve Together
<table>
<thead>
<tr>
<th>Habit</th>
<th>Slogan</th>
<th>Description</th>
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<tbody>
<tr>
<td>Persisting</td>
<td>Stick to it!</td>
<td>Persevering in task through to completion; remaining focused.</td>
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<tr>
<td>Empathy and Understanding</td>
<td>Understand Others!</td>
<td>Devoting mental energy to another person's thoughts and ideas; holding in</td>
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<tr>
<td></td>
<td></td>
<td>abeyance one's own thoughts in order to perceive another's point of view</td>
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<td></td>
<td></td>
<td>and emotions.</td>
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<tr>
<td>Thinking About Thinking</td>
<td>Know your knowing!</td>
<td>Being aware of one's own thoughts, strategies, feelings and actions and</td>
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<tr>
<td>(Metacognition)</td>
<td></td>
<td>their effects on others.</td>
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<tr>
<td>Questioning and Posing Problems</td>
<td>How do you know?</td>
<td>Having a questioning attitude; knowing what data are needed and developing</td>
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<tr>
<td></td>
<td></td>
<td>questioning strategies to produce those data. Finding problems to solve.</td>
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<tr>
<td>Creative Thinking</td>
<td>Try a different way!</td>
<td>Generating new and novel ideas, fluency, originality</td>
</tr>
<tr>
<td>Taking Responsible Risks</td>
<td>Venture out!</td>
<td>Being adventuresome; living on the edge of one's competence</td>
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<tr>
<td>Accuracy, Clarity and precision</td>
<td>Check it again!</td>
<td>A desire for exactness, fidelity and craftsmanship.</td>
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<tr>
<td>Applying past knowledge</td>
<td>Use what you learn!</td>
<td>Accessing prior knowledge; transferring knowledge beyond the situation in</td>
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<tr>
<td></td>
<td></td>
<td>which it was learned.</td>
</tr>
<tr>
<td>Gathering Data using all Senses</td>
<td>Use your natural</td>
<td>Gathering data through all the sensory pathways: gustatory, olfactory,</td>
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<tr>
<td></td>
<td>pathways!</td>
<td>tactile, kinaesthetic, auditory and visual.</td>
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<tr>
<td>Wonder and Awe</td>
<td>Have fun figuring it</td>
<td>Finding the world awesome, mysterious and being intrigued with phenomena</td>
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<tr>
<td></td>
<td>out!</td>
<td>and beauty.</td>
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<tr>
<td>Continuous Learning</td>
<td>Learn from experiences!</td>
<td>Having humility and pride when admitting we don't know; resisting</td>
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<td></td>
<td></td>
<td>complacency</td>
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<tr>
<td>Thinking Interdependently</td>
<td>Work together!</td>
<td>Being able to work in and learn from others in reciprocal situations.</td>
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</tbody>
</table>
Design a new musical instrument and explain how you would play it. You should also be able to describe the sound it would make.

Write a book review on a fiction work of your choice. Your review should be completed on the attached Holcombe Book Review.

Write a letter to a French/German/Spanish friend explaining what you are most looking forward to in your new school. Use MFL vocabulary as much as possible.

Read a book – you choose! Take a selfie of you and your book, print out postcard size and, on the back, write a message to your English teacher telling them what you thought about the book.

Complete (at least) 3 of the following tasks and submit to your Form Tutor in September.

Design a healthy eating poster which includes guidance on your ‘5 a day’ portions of fruit and vegetables. You should include a simple exercise programme that can be completed at home, using only easily accessible household items.

Research and write 10 ‘Top Tips’ for students using social media. You should ensure you check – and refer to – recommended age restrictions. You may want to present this as a leaflet.

Draw – or print and annotate – a map of your route to school. Indicate points of interest ie bus stops, safe crossing points, shops.

Write a newspaper article on one of the following:

- The EU Referendum Result, June 2016
- The European Championships
- The Rio Olympic Games
- Queen Elizabeth II turns 90, June 2016

Learn the 18 facts provided in the pack. Ask an adult to test you on them. You may find it helpful to draw cartoons/diagrams to help remember them.

Create a gallery of 10 images that define ‘Britain Today’. Annotate to explain why you have selected each.
Holcombe Book Review by: House

Title of Book: .................................................................

Author: ..............................................................................

Type of book (please circle): Fiction Non-Fiction

Genre (please tick):
- Mystery □
- Horror □
- Adventure □
- Thriller □
- Science fiction □
- Fantasy □
- Dystopia □
- Romance □
- Historical □
- Humour □
- Other □ ............................................................................

Three words to describe how you felt about this book:
1. ..................................................................................
2. ..................................................................................
3. ..................................................................................

Rating: ★ ★ ★ ★ ★

What is the book about? Outline the story but no spoilers please!

What was good/not so good about this book?

WWW:

EBI:

- Would you recommend this book? Why/why not?
- Who would the book be suitable for (age/interests)?
- Can you think of any other books that someone who liked this book might also enjoy?
1. The Great barrier Reef is the largest living structure on Earth at over 2000km long

2. The Eiffel Tower can be 15 cm taller during the summer.

3. Sunflowers can be used to clean up radioactive waste.

4. The SLOWEST speed information passes around your brain is about 260 mph

5. There is more CO2 (carbon dioxide) in the atmosphere today than at any point in the last 800,000 years

6. A day on Venus is longer than its year


8. Red is the colour associated with the Republican Party in the USA

9. The brain has no pain receptors so can be poked without a person feeling it.

10. Boadicea was Queen of the Celtic tribe called the Iceni

11. The Battle of Waterloo was fought on June 18th 1815

12. The word Scientist first appeared in 1833

13. When you are awake the Human brain produces enough electricity to power a small light bulb

14. The Bayeux Tapestry shows the invasion of England by the Normans in 1066

15. In Japan, slurping noodles is not only seen as polite – it also means you have enjoyed your meal

16. Squirrels sweat through their feet.

17. Your peripheral vision improves at night

18. The English explorer, Captain James Cook, discovered the Great Barrier Reef when his ship crashed into it.
Activity 1

The following passage has no punctuation whatsoever. Write it out, putting in all of the necessary punctuation marks and beginning new lines where you think they should be.

when we reached the circus we found it was really busy lots of people bumped into us including small woman who starting shouting get out of my way really loudly how rude replied my dad some children started shouting their parents told them off and they were hustled and bustled into the big top we went in too and were surrounded by rows and rows of people waiting expectantly for the show to begin i was excited that at last i would see what all the fuss was about.

Activity 2

From the passage, choose and write down.

a) one proper noun
b) two common nouns
c) two adjectives
d) two verbs
e) two pronouns
f) one adverb

Activity 3

Write out each of the following sentences, choosing the correct form of the word in brackets.

a) All of us ..... going to the circus. I ..... excited (was/were)
b) The clowns ..... much more fun than the lions. (was/were)
c) The clown I ..... watching ..... very funny indeed. (was/were)
d) Deirdre and ..... both bought candy floss. (I/me)
e) Walter invited Daphne and ..... to share an ice-cream with him. (I/me)
f) The loudest of the group ..... Allan. (is/are)
COMMON ERRORS

- Can you sniff out the error in each of these sentences?
- Write these out as they should be written. Underline the part you have changed.

1. They like football alot.
2. John is hi’s friend.
3. Hi shouted Jane.
4. The pea’s were delicious.
5. “Be quite,” said the teacher.
6. I live just passed the supermarket.
7. Whose that woman over there?
8. £500 is to expensive, I think.
9. We never go nowhere in winter.
10. Lucy said she seen the thieves running away.
11. I’m not sure weather to go or not.
12. They cooked the meal theirselves.
13. Do you like swimming
14. The cat licked it’s lips.
15. Tim writes very quick.

When you have checked your answer, make sure you learn the correct version – and don’t repeat any mistakes!
Take each of these non-standard or incorrect sentences and write a corrected version beneath it. Feel free to change the words as you see fit. The first one has been completed for you.

1. Me and my neighbors went to the barbeque at the village hall.
   
   My neighbours and I went to the barbecue at the village hall.

2. There was like loads of kids their id never seen so many turn up for the school fate.

3. “He was honest. Everything he told me about his criminal convictions were right.”

4. Where’s John and Tim gone?

5. You could of done it if you tried your just lazy that’s youre problem ive never seen so much mistakes in one peace of work

6. I swum fifty lengths in record time so I got the prize.

7. Most teachers agree that marking books take up too much of their time.
8. “There’s eight of you left,” said the judge, “but only six of you can go threw to the final.”

9. “A survey has revealed that our phones are our fave possession. We spend two ours a day doing stuff on them.”

10. One in ten students suffer bullying in silence they don’t tell anyone about there pain

11. The science teacher rearranged the desks counted out the scalpals distributed the rubber gloves in time for the lesson on dissection of pigs harts.

12. The school broke the previous years record for gcse results this year 80 per cent secured 5 exam passes at a* to c.

Extension: write your own sentences with incorrect spelling, punctuation and/or grammar to test your friends.
1. 

2. \[ 3640 \div 15 \]

3. \[ 1598 \div 34 \]

4. There are 564 beads in a jar. They need to be divided equally into six small jars. How many beads will be in each jar? I buy 23 cakes, each costing the same amount. The total comes to £11.04. How much does each cake cost?

5. David has 400ml of orange squash in a jug. He adds 800ml of water. How many ml of drink has he made? Can you write orange squash to water as a ratio?

6. There are 2 \( \frac{1}{2} \) litres of water in a jug. Matt has to pour out 250ml servings at a party. How many servings can he pour out?

7.

<table>
<thead>
<tr>
<th>Becky says:</th>
<th>Keiran says:</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>I bought 20 apples. They were 45p each, but the shopkeeper let me have £1.50 off because I was buying so many.</em></td>
<td><em>I bought 20 apples. They were 50p each, but the shopkeeper gave me a 10% discount because I was buying so many.</em></td>
</tr>
</tbody>
</table>

Who gets the best deal?
8. Simplify these fractions: \[ \frac{4}{10} + \frac{3}{4} \]

9. \[ \frac{9}{3} - \frac{4}{5} \]

10. \[ \frac{7}{10} \times \frac{2}{5} \]

12. \[ \frac{1}{2} \div 4 \]

13. Box A contains 50% of £1800, Box B has 24% of £3500 and Box C has 70% of £1500. Which one contains the most money? Show your working!

14. Footballs cost £4 each. If you buy 10 or more footballs you get a 5% reduction in the price. How much money will it cost then to buy 20 footballs?

15. If 40% of the cost of building a new bridge is £150 000 – how much will the whole bridge cost to build?
16. The shapes are similar. 
Find the lengths $x$ and $y$.

![Diagram of similar shapes]

$x = \underline{\phantom{0}} \text{cm}$ [2]  
$y = \underline{\phantom{0}} \text{cm}$ [2]

17. Calculate the perimeter of this shape

![Diagram of complex shape with dimensions]
18. Calculate the volume of this cuboid

19. What is happening in this sequence: 4, 9, 14, 19, 24, ...
   Can you find the value of the 10\textsuperscript{th} term

20. What is happening in this sequence: 1, 4, 9, 16, 25, ...
   Can you find the value of the 10\textsuperscript{th} term

21. Calculate the missing numbers

   \[ \text{4} \times \underline{\text{---}} = \text{80} - \underline{\text{---}} \]

22. Please draw on and label the circumference, diameter and radius.
   Try shading a sector.
23. Shade more squares to make this shape have reflective symmetry

Sarah sets off from home to walk to work.
She walks 80m in 90 seconds at constant speed.
Then she stops to answer her mobile phone.
After 30 seconds, she walks home at twice her initial speed.

24.

Distance from home (m)

25. Please show the three stages of her journey as a line graph

What is the mean average amount they had? Round your answer to the nearest whole pence.

27. Describe the median and mode averages.

28. Describe what the range of two numbers is.