Year 6 Homework: Friday 24ᵗʰ January, 2020 -

Due back on Tuesday 28ᵗʰ January, 2020

<u>Numeracy:</u> This week in Numeracy we have continued our topic on area and perimeter. For Numeracy homework this week, we would like the children to complete the attached word problems. The questions will need to be copied into their homework books and workings clearly shown.

<u>Literacy:</u> As part of our Science topic this term, evolution, we have designed an ongoing project for the children to complete. Refer to the attached worksheet and choose four of the activities to complete. The children will need to complete one per week and bring the completed project in four weeks' time (due Tuesday 11ᵗʰ February).

<u>A request for Materials</u>

We will be creating collages in Year 6 next week. Please send in old newspapers, magazines, old sandpaper, foil, cotton wool or scraps of material that we could use in our art work.

<u>Reading</u> Please read for **30 minutes** each day. Take note of any unfamiliar words and discuss them with a family member or teacher. We challenge you to read a new chapter book this month! Parents – please sign this section if your child IS reading every day.

Thank you for your ongoing support!

<u>Spellings:</u> breathtaking (breath-ta-king) eerie (ee-rie) swarming (swar-ming) unsightly (un-sight-ly) unnerving (un-ner-ving) lavish (lav-ish) regal (re-gal) sinister (sin-is-ter) majestic (ma-jest-ic) tranquil (tran-quil)

Topic Homework – Project Due on Tuesday 11th February

In line with our science topic 'Evolution' we would like you to carry out a mini research project on Darwin and Evolution. You will have four weeks to carry out this homework and it is due on Tuesday 11th February, You must choose a minimum of 4 tasks (one per week) but you may do more if you wish. **Choose two from list A and two from list B. This can be presented as a PowerPoint presentation, in homework books or on paper.**

PROJECT TASKS TO SELECT

List A- Tasks to choose from (pick 2)	List B –Tasks to choose from (pick 2)
A diagram Draw a flow-diagram of how a fossil is created under the sea	Research Can you research a voyage that Charles Darwin embarked on, detail where he travelled, who with and what he discovered
A Model Create a model of a plant that has adapted to a certain environment	A Diary Entry Imagine you are Charles Darwin embarking on one on his voyages, write a diary entry detailing how he might have felt and what he was looking forward to prior to his journey
Make a Habitat Create a habitat using varied materials, detailing animals and types of vegetation that would be present	Poetry Write a poem about a chosen animal and its environment
Artwork Choose a style of artwork (pointillism, charcoal, water colour) and create a piece of artwork showing an environment or an animal that you've learnt about during our evolution topic	An explanation text/Report A report from one of Charles Darwin's voyages. What he found and what effect it had on Science as a whole.
Map Draw and label a map, detailing where certain environments/climates are situated	A quiz Create an evolution quiz with a minimum of 10 questions. You will need to provide 3 multiple choice answers and, of course, the correct one!

Numeracy word problems

Madrid primary is having a run-a-thon. Each child runs 50 laps around the school field. If each laps is 0.12 km, how far does each child run in metres?

Hot dogs come in packs of ten. A pack of rolls cost £7.20. How much does one hotdog cost?

If 100 wooden beads weigh 2.84 kg, how much does each wooden bead weigh?

A doctor spends on average 0.25 hours seeing each patient. How long does it take the doctor to see 10 patients in minutes?

Without using a calculator find a number that when multiplied by itself gives the answer of 2304?

Maurice has £50. He goes to the sports shop to buy a new football kit costing £45. When he gets to the shop, it is reduced by 15%. If Maurice buys the kit how much change will he get?

Lee's food bill at a restaurant came to £67. On top of that the restaurant added a 12% service charge and Lee left another 10% of £67 as a tip. How much change did Lee get from £100?

Pine trees are £32 each. However of you buy more than 5 there is a 30% reduction in the total price. If Lisa buys 12 trees how much will she pay?

On an aeroplane, each row of seats holds 9 passengers. How many passengers will 250 rows hold?

Francis the baker has had an order of 200 croissants from a local hotel. Each baking tray holds 12 croissants. How many trays does Francis use to bake all 200 croissants at the same time?

The Empire State Building is 381m tall. If each floor is 3m high, how many floors are there in the Empire State Building?

Three airports service a large city. During one week, one airport dealt with 128, 498 passengers, another with 97, 581 and the third with 205,405 passengers. How many people did the three airports deal with during the week?