

## Garden Suburb Junior School

### Home learning March 2020

Dear Parents/carers,

We would like to thank you for your continued support during this difficult time. As a staff, we have collated a range of exciting activities for you and your child to complete at home. These activities are designed in order for your child to practise core concepts and consolidate learning in different subject areas. Some activities require access to the internet and where this is applicable, links have been provided. However, most do not require access to the internet. Try to choose a range of activities across all subjects to keep your child motivated and engaged. Have fun.

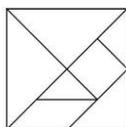
#### Maths

1) Make a maths board-game to play with your family.

**Examples** – games involving money where players gain and lose money according to dice numbers, snap fractions, decimals percentages, top trumps cards involving properties of shape, addition/subtraction snakes and ladders.

2) Bake cakes and other healthy items.

Weight of ingredients, ratio/proportion of ingredients are all core mathematics concepts to discuss with your child.



3) Draw tangrams and other shapes to create patterns.

4) Play chess or any existing games involving mathematical concepts such as monopoly or backgammon.

5) Play card games involving number.

6) Set challenges for how many things you can do in 1/3/5 minutes to understand the concept of time.

**Examples** – How many beads can you thread in a minute, how many times can you write your name in a minute?

7) Conduct a survey of your family's favourite foods, songs, colours, hobbies etc. Turn this into a bar chart.

8) Create a line graph. Examples - Collect rainfall in a container, measure it and plot the results, measure the growth of a plant over time.

9) Set up a play shop at home to practise handling money, recognising coins/notes, understanding change and consolidate addition and subtraction.

10) Twinkl – resources/ worksheets and information PowerPoints for all subjects.

<https://www.twinkl.co.uk/offer> Offer code: UKTWINKLHELPS

11) Practise times tables and corresponding division facts on TTRockstars. <https://trockstars.com/>

12) Go onto White Rose maths and practise different mathematics skills. <https://whiterosemaths.com/>

13) Make your own set of place value counters to use when solving maths problems.

14) Create a fraction wall using strips of paper to allow you to find equivalent fractions.

15) Practise telling the time. Every time you sit down to work, make a note of the time you start and finish, and calculate how much time you have spent on these activities.

16) Use your maths skills to calculate how many seconds/minutes/hours/days/weeks/months old you are. How many seconds/minutes/hours/days/weeks/months is it until your next birthday?

17) Be the teacher. Teach someone one of the mathematical strategies that you have learnt this term. Ensure you use mathematical vocabulary and test them to check that they have understood the concept.

### English

1) Read books, newspapers, online articles, magazines or comics and record your progress in your reading record. <https://www.lovereadng4kids.co.uk/> (Click on the tab in the top left corner that says 'browse by age' to find age appropriate books).

2) Keep a diary. Think about the features of a diary and be sure to include them all.

3) Write a book review of the latest book you have read.

4) Write a poem on one of the following themes.

Colour, spring, school, family, lifecycles, animals, movement, feelings or senses.

5) Write a narrative/short story/chapter book.

Year 3 – Ancient Egyptians

Year 4 – Greek myth/legend

Year 5 – South America or rainforest animals

Year 6 – life as an evacuee during WW2

6) Practice spellings (Year 3-6 national curriculum lists). <https://spellingframe.co.uk/>

7) Write a play where your family members are the cast.

8) Make a fact-file on any animal, person or country, of your choice.

9) Write a funny limerick or rhyme.

10) Write daily newspaper articles on current affairs in the news. <https://www.bbc.co.uk/newsround>

11) Listen to The Week Junior Podcast. <https://www.funkidslive.com/podcast/the-week-junior-show>

Write your own podcast or vlog to perform to your friends and family.

12) Create a mini dictionary with definitions of new words that you find when reading. Add any words that have been chosen as 'Word of the Week' in your class.

13) Ask someone to 'hot seat' you as your favourite character from a book. Draw up a list of questions you would like to be asked; e.g. How did you feel when...? What motivated you to...? What effect did... have on you?

14) Write an A-Z of adjectives/adverbs. See if you can think of one beginning with every letter of the alphabet.

15) Play a word association game. Start with a noun like 'the sun' and see how far you can get without repeating any words.

16) Play a game of 'consequence' where each person takes a turn writing a word or phrase in order to build a story. Hide each line each time then unfold the paper to read out the whole story.

### Science

1) Plant some seeds. Observe their changes over time and keep a record of these.

2) Write up your science experiments from science week – including predictions, findings and conclusions.

3) Write a biography on the life of a famous scientist/explorer/activist.

Examples – Charles Darwin, Thomas Edison, Florence Nightingale, Marie Curie or Greta Thunberg.

4) Write an explanation/instructional text.

Examples – how to make jelly, how to make slime, how gravity works, how a pulley/lever works, the different stages of an animal’s lifecycle or how to make an electrical circuit.

5) Use these science links for activities, research, experiments and games.

<https://www.dkfindout.com/uk/?fbclid=IwAR2wJdpSJSelTf4do6aPhff8A3tAktmpaxqZbkgudD49I71ep8-sjXmrac>

<https://www.natgeokids.com/uk/>

<https://thekidshouldseethis.com/tagged/science>

[https://ed.ted.com/lessons?content\\_type=animations&direction=desc&sort=publish-date&user\\_by\\_click=student](https://ed.ted.com/lessons?content_type=animations&direction=desc&sort=publish-date&user_by_click=student)

<https://theimaginationtree.com/category/learn/sciencelearn/>

<https://www.bbc.co.uk/bitesize/subjects/z2pfb9q>

<http://www.sciencekids.co.nz/>

<https://www.stevespanglerscience.com/lab/experiments/>

<http://www.sciencefun.org/kidszone/experiments/>

<https://www.rspb.org.uk/fun-and-learning/for-kids/games-and-activities/>

<https://www.bbc.co.uk/cbbc/findoutmore/blue-peter-apply-for-a-green-badge>

<https://naturedetectives.woodlandtrust.org.uk/naturedetectives>

6) Conduct some experiments at home from the school’s science week.

<https://www.gardensuburbjunior.co.uk/site/data/files/science%20week/79552F3DF227A83B9D30CA6177965C28.pdf>

7) Eat some fruit and think about the journey of it through your digestive system. Create a visual diagram to explain each part of the process.

8) Design a poster to advertise and promote the brushing of teeth.

9) Make a list of Science related jobs and the qualities you would need to be good at the job.

#### Art/DT

1) Sketch a landscape view from a window in your house.

2) Paint a still life.

Examples – fruit bowl, plants/flowers or any suitable household item.

3) Experiment with mixing paints to create different shades of colours.

4) Design an egg for our school competition. This year’s theme is **favourite book characters**.

5) Junk model with any recycling in your home. Examples - Robots, dolls houses, your own inventions etc.

6) Learn to knit/sew/cross-stitch/tapestry.

7) Engage in mindfulness colouring.

8) Complete one of the activities on the art/DT section of our school website

<https://www.activityvillage.co.uk/summer-crafts>

<https://handsonaswegrow.com/30-summer-crafts-kids-easy/>

<https://www.dltk-holidays.com/summer/>

9) Build a structure using Lego or any other construction materials.

10) Design a new school. What would it look like? What rooms would it have in it? What would the outdoor space be like?

### **Music**

- 1) Spend 5 minutes a day listening to music with no distractions. What sort of music calms you down? Makes you sleepy? Gives you an energy boost?
- 2) Spend 5 minutes singing every day.
- 3) Teach your parents a song you love... make sure you teach them how to stand and project their voice properly too!
- 4) Write a song about something you love using the tune to 'Twinkle, twinkle little star'.
- 5) Check how your note reading is doing with this space invader game.  
<http://www.themusicinteractive.com/downloads.html> (available to download free for mac and pc)
- 6) Design a board game or card game to help someone to learn to read music notes.
- 7) Listen to your favourite piece of music / song and write a fact file on it. Include who the performer(s) are, what instruments are being played, what the piece is called, who wrote it, what you think the song / piece is about, why you like it and how it makes you feel. Write out the lyrics and decorate them.
- 8) Design an instrument. Design the type of instrument you'd love to play, draw it and label it. Write a fact file about it. What is it called? How does it work? What sound does it make? How do you play it? Why should everyone want to play it?
- 9) Make a percussion instrument (using recycled materials where possible) Get some ideas here:  
<https://feltmagnet.com/crafts/Music-Instruments-for-Kids-to-Make>  
<https://www.youtube.com/watch?v=pFfBrCyHfWs>  
<https://www.youtube.com/watch?v=7sUNXA4NYKI>
- 10) Create a playlist of songs that you would sing if you had your own concert at the O2 stadium.

### **PE**

- 1) Continue to practise any sports you already play where possible.
- 2) Create an assault/obstacle course in your garden.
- 3) Practise skipping/hula hooping.
- 4) Create a dance routine to one of your favourite songs ( [www.bbc.co.uk/teach/super movers](http://www.bbc.co.uk/teach/super movers) or [www.gonoodle.com](http://www.gonoodle.com)).
- 5) Go for a long walk with your family.
- 6) Run a mile every morning.
- 7) Create an exercise routine at home; look at Joe Wick's '5 minute move kids' work out' for ideas.

### **Spanish**

- 1) Revise numbers from 1-100.  
1 uno, 2 dos, 3 tres, 4 cuatro, 5 cinco, 6 seis, 7 siete, 8 ocho, 9 nueve, 10 diez, 11 once, 12 doce, 13 trece, 14 catorce, 15 quince, 16 dieciséis, 17 diecisiete, 18 dieciocho, 19 diecinueve, 20 veinte, 21 veintiuno, 22 veintidós, 23 veintitrés, 24 veinticuatro, 25 veinticinco, 26 veintiséis, 27 veintisiete, 28 veintiocho, 29 veintinueve, 30 treinta, 31 treinta y uno.... 40 cuarenta, 50 cincuenta, 60 sesenta, 70 setenta, 80, ochenta, 90 noventa, 100 cien.

- 2) Write all the times tables and write the answer in Spanish. For example, 5 x 5= veinticinco
- 3) Teach members of the family the numbers and play bingo together.
- 4) Make a poster about yourself, write your information in full sentences if you can. You can include: name, age, birthday (year 3), likes and dislikes (year 4) physical and personality description (year 5) describe the clothes that you are wearing (year 6)
- 5) Useful websites:  
Video clips about different topics covered in KS2: <https://www.bbc.co.uk/bitesize/topics/z3wpyrd/resources/1>  
Audio/ video clips about Madrid to learn about different topics of the curriculum. <https://www.bbc.co.uk/teach/school-radio/spanish-ks2-mi-madrid-index/z4bvt39>  
Online dictionary to help you to label the items of your bedroom or any other room at home in Spanish <https://www.wordreference.com/es/translation.asp?tranword=a>

### Geography/History

- 1) Draw a map of your local area.
- 2) Plan a journey with an adult to a local landmark.
- 3) Design a treasure hunt on a map using coordinates.
- 4) Write a fact-file about a famous person/place/monument/landmark/event in history.
- 5) Play a geography game.  
<http://primarygamesarena.com/Subjects/Geography>
- 7) Quiz your family members on a topic of your choice.  
<https://www.dkfindout.com/uk/history/>  
<https://www.educationquizzes.com/ks2/history/>
- 8) Watch some short clips to learn about different periods in history that you are interested in.  
[http://www.bbc.co.uk/schools/websites/4\\_11/site/history.shtml](http://www.bbc.co.uk/schools/websites/4_11/site/history.shtml)
- 9) Create a chatterbox quiz based on your most recent topic.
- 10) Research the history of an area of your choice.
- 11) Create a family tree and identify where each member of your family was born. Locate these places on a map.
- 12) Create a timeline and plot on it the periods of History that you have learnt about in school. Include interesting facts about each era.

### Computing

- 1) Download the scratch software to your computer and make your own Easter/Spring inspired game.  
<https://scratch.mit.edu/download>
- 2) Download the inkscape software to your computer to practise making patterns and digital art.  
<https://inkscape.org/release/inkscape-0.92.4/>
- 3) Create a glossary of Computing terminology to explain what these words mean. E.g. algorithm, coding, debug, input, output, network, sequence, software, variable.
- 4) Using block code from Espresso Coding, write out how you could code a shop till.
- 5) Design a computer for the future. What would it be able to do that computers cannot currently do?

### Wellbeing

- 1) Spend 5 minutes each day doing some mindfulness breathing. E.g. candle breathing, balloon breathing.
- 2) Write down how you are feeling each day.
- 3) Complete a random act of kindness each day.
- 4) Stick to your normal bedtime routine to make sure you get enough sleep.
- 5) Write a list of who and what you are grateful for in your life.
- 6) Write a list of your good qualities.
- 7) Try to complete a jigsaw to keep your mind active.
- 8) Try not to have any more 'screen-time' that you would normally have.
- 9) Ask for your parent/carer's support in contacting friends from school to see how they are.

### Suggested timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 – 10:00	Maths	English	Maths	English	Maths
10:00 – 10:30	Break/exercise				
10:30 – 11:30	English	Maths	English	Maths	English
11.30 – 12.00	Reading	Reading	Reading	Reading	Reading
12:00 - 1:00	Lunch/exercise				
1:00-2:00	Creative time	Creative time	Creative time	Creative time	Creative time
2:00 - 3:00	Art/DT	History	Geography	Science	Computing