# **DCBEAGLE** Challenges

# **BEYOND THE TEXTBOOK = May 2019**

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As the half term break looms we are thinking about the programme for the last few weeks of the academic year and probably planning for next year.

# 5 ways to share math with kids

This Ted talk will be ideal for your first CPD in the new academic year.

"Mathematics is not about following rules, it's about playing—and exploring, fighting, looking for clues, and sometimes even breaking things, according to Dan Finkel. In this playful, inspiring talk, the founder of Math for Love offers teachers and parents alike a five-step guide to sharing the beauty and playfulness of mathematical thinking with children."

#### Click here

#### **Puzzle of the Month**

# **Cutting up the cheese**

WARNING: this puzzle is using Imperial units!

If I had a piece of cheese measuring 8 inches long by 4 inches long and 3¾ inches deep. How many pieces, each measuring 2½ in by 1½ in by 1¼ in can I cut out of it.

#### Ideas for after half term

The final half term of the school year can be fractured with so many activities, outings and assessments going on hence the lack of continuity in the maths lessons. This is where setting up a theme and getting the pupils to work on meaningful projects and assignments is effective.

#### The Weather

This website gives many ideas related with the weather and there is an opportunity for the pupils to continue with it during the summer holiday. Click <u>here</u>.

#### **Timetables**

- Reading timetables (PowerPoint) click here
- Looking at timetables at various events. Click here
- An interesting activity is to create a timetable for trains going up and down as single line and pass at the hoop in the middle. They can set the parameters (speed, frequency of trains, etc)

### 19 fun activities (KS1 and 2)

Many of these activities are done outside. Click <u>here</u>.

# Summer holiday work

The annual debate is going to raise its ugly head soon and sadly pupils are going to be encouraged to follow exercise after exercise similar done at school. If they leave the academic year thinking maths is a drudge they are going to return with the same attitude and it is going to be difficult to motivate them. The following

links give you and parents ideas of how to occupy the children with activities related to mathematical problems.

Everyday ways to make maths fun

Playing cards helps children with maths

Creative maths activities for children early years and KS1

Maths activities for kids

# **DCBEAGLE Maths challenges**

Most of the host schools for the Autumn challenges have confirmed their dates.

Friday	13 September	Year 6 Maths	Wrekin College Shropshire	12:30 - 3:20	Booking
Thursday	19 September	Year 5 Maths	Christ's Hospital, Horsham	1:45 - 3:30	<u>Booking</u>
Friday	20 September	Year 4 Maths	Davenies Beaconsfield	2:00 - 4:00	Booking
Tuesday	24 September	Year 6 Maths	Windlesham House Sussex	2:00 - 4:00	Booking
Thursday	26 September	Year 5 Maths	St Andrew's Eastbourne	2:00 - 4:00	Booking
Monday	30 September	Year 4 Maths	Crosfields, Reading	2:00 - 4:00	Booking
Tuesday	01 October	Year 6 Maths	Red Maids' High, Bristol	2:00 - 4:00	Booking
Thursday	03 October	Year 4 Maths	King Edward's, Bath	2:00 - 4:00	<u>Booking</u>
Monday	07 October	Year 5 Maths	Crescent School, Rugby	2:00 - 4:00	Booking
Tuesday	08 October	Year 6 Maths	Dean Close, Cheltenham	2:00 - 4:00	Booking
Tuesday	05 November	Year 4 Maths	Summer Fields, Oxford	2:00 - 4:00	Booking
			Oxford maths challenge		
Thursday	07 November	Year 6 Maths	Location to be confirmed	2:00 - 4:00	Booking
Friday	08 November	Year 4 Maths	St Edward's Cheltenham	1:00 - 3:00	Booking
Monday	11 November	Year 5 Maths	Laxton, Peterborough	1:30 - 3:30	Booking
Tuesday	12 November	Year 4 Maths	Clevedon Learning Trust		
Wednesday	13 November	Year 5 Maths	Clevedon Learning Trust		
Thursday	14 November	Year 6 Maths	Aldwickbury School	2:00 - 4:00	Booking
Tuesday	19 November	Year 5 Maths	Rupert House	2:00 - 4:00	Private
Thursday	21 November	Year 6 Maths	Monkton Combe Bath	2:00 - 4:00	Booking
Friday	22 November	Year 5 Maths	St Edward's Cheltenham	1:00 - 3:00	Booking
Tuesday	03 December	Year 4 Spell It!	Wolverhampton Girls High	12:00 - 3:00	Private

# **Cutting up the cheese solution**

And finally .....

