#### KENILWORTH HOME EDUCATION MATHS CLUB

NOTES ON MEETING AND ACTIVITIES, NOVEMBER 23RD 2018

## 1. Led Sessions with Marco

We have sessions run by Marco for ages approx 4-6, 7-9 and 10+, but you are free to choose which to attend, or attend more than one, as you feel appropriate to your child's ability. We would like adults to attend with their children. Make sure older children are considerate of younger children. Thank you!

session	approx. time
4-6	$1.15 \mathrm{pm}$
7-9	$1.35 \mathrm{pm}$
10+	$2 \mathrm{pm}$

- These take place in room 3
- the **4-6 age group** is for children who still are learning about basic counting. If you can add 5 to 7 without using your fingers you are beyond this group, and shouldn't come, unless you need to be with a younger sibling. If you do come, you must let the younger children have a chance to take their turns! Thank you!
- For the 10+ group: continuing with the dice game from last time ask someone to show you this near the beginning of the meeting so you can play this before the session, so you'll get more out of the discussion about this.
- Marco will hand out some sheets of extra problems for you to take home. These are optional and are not related to the session, just to take home for fun, or do at the meeting, and discuss with Marco if you want.

# 2. Activities

We have a lot of activities laid out for you to try "independently" i.e., at your own pace, when you want - but do ask for help if needed!

These include

- colouring activities
- origami
- games
- building blocks / puzzles / manipulative mathematics
- Liverpool University Fun Maths Road Show materials (A3 laminated sheets) PTO for details

Do not feel you have to do everything! Just spending time on one activity while you are here is fine! Wonderful if you find something absorbing!

#### 3. End circle time

We would like to finish with everyone coming together around 2:45pm for a quick "hello good bye", for everyone to say what they did or enjoyed or just to say hello, before we clear away and pack up.

Hearing how people got on is useful, as it can help us decide what directions to take for the next meeting

# 4. LOCATION, TIME, PRICE, AND CONTACT

- We currently meet at Kenilworth Methodist church, Priory Road, Kenilworth, next to the rail staion, alternate Fridays, 1-3pm. Note, since we are just beginning, this may change.
- price: £4 per family per meeting
- Let us know about anything you liked or disliked, or suggestions for things you'd like to be included in future.
  - email: hverrill@gmail.com
  - web: http://www.musictogetherkenilworth.co.uk/kenilworthmathsclub/
  - facebook: Kenilworth Home Education Club: https://www.facebook.com/groups/402516256940878/

#### 5. Other notes

We are not planning on providing food or drink, but the rooms do have sinks and cups and a kettle. There are **pencils and paper** available for you to work out your answers.

## 6. LIVERPOOL UNIVERSITY FUN MATHS ROAD SHOW

The coloured, laminated A3 card sheets are from the Liverpool fun maths road show.

- These are arranged in "boxes" for different levels/age groups as below.
- Each sheet has a letter or number, you can **cross off** the problems as you do them.
- We have **solution sheets**, so you can check your answers, just ask.
- It's best to work on these in small groups of at least 2 children, and younger children should work on these with their adults to make sure they understand the problems.
- Note, we don't bring all problems each time, so you'll see different problems each time.
- I've started also laminating some problems we've collected from other sources.

  I will label these "K1", "K2",..., K being for Kenilworth, which are not yet sorted into grade level

box -1, pink card							box 0, blue card							box 2, yellow card					
1							1 & 2							2&3					
5-7							5-9							9-12					
AA	BI	3	$\overline{\text{CC}}$	DD	EE	A	В	С	D	$\mathbf{E}$		26	27	28	29	30			
FF	G	G	НН	II	JJ	F	G	Н	Ι	J		31	32	33	34	35			
KK	LI	]	MM	NN	OO	K	L	Μ	N	O		36	37	38	39	40			
PP	Q	Q	RR	SS	TT	Р	Q	R	S	T		41	42	43	44	45			
UU	V	V 1	WW	XX	YY	U	V	W	X	Y		46	47	48	49	50			
box 4, blue card						box 7, pink card						Kenilworth collection							
3						4						white card							
12-14						15-16						not yet sorted by level							
76	77	78	79	80		151	l 1	52	153	154	155								
81	82	83	84	85		156	3 1	57	158	159	160	K1	I	K2	К3	K4	K5		
86	87	88	89	90		161	l 1	62	163	164	165	K6	I	<b>K7</b>	K8	K9	K10		
91	92	93	94	95		166	3 1	67	168	169	170	K1	1 K	(12	K13	K14	K15		
96	97	98	99	100		171	l 1	72	173	174	175								
] [   l	5-7 AA FF KK PP UU DOX 4 3 12-14 76 81 86 91	5-7 AA   BI FF   GC KK   LI PP   QC UU   VV  box 4, bla 3 12-14 76   77   81   82   86   87   91   92	5-7  AA   BB   FF   GG   KK   LL   PP   QQ   UU   VV    DOX 4, blue costs  12-14  76   77   78  81   82   83  86   87   88  91   92   93	AA BB CC FF GG HH KK LL MM PP QQ RR UU VV WW  box 4, blue card 3 12-14 76 77 78 79 81 82 83 84 86 87 88 89 91 92 93 94	AA BB CC DD FF GG HH II KK LL MM NN PP QQ RR SS UU VV WW XX  box 4, blue card 3 12-14 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95	AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY   box 4, blue card 3 12-14 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95	1 & 5-9  AA BB CC DD EE FF GG HH II JJ F  KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY  Doox 4, blue card  3 4 12-14 15-1 160 160 160 160 160 160 160	1 & 2 5-7 5-9  AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY  Dox 4, blue card  3 12-14 5-16 5-9  A B F G K L P Q K L P Q 15-16 15-16 166 1 166 1	1 & 2 5-7 5-7 5-9  AA   BB   CC   DD   EE   A   B   C  FF   GG   HH   II   JJ   KK   LL   MM   NN   OO   PP   QQ   RR   SS   TT   U   V   W  DOX 4, blue card  3	1 & 2 5-7  AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY  box 4, blue card 3 12-14  15-16  150 151 152 153 156 157 158 161 162 163 166 167 168	1 & 2 5-7 5-9  AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY   box 4, blue card 3 12-14 5-16 5-9  A B C D E F G H I J K L M N O P Q R S T U V W X Y   box 7, pink card 4 15-16 151 152 153 154 156 157 158 159 161 162 163 164 166 167 168 169	1 & 2 5-7 5-9  AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY   box 4, blue card 3 12-14 5-16 5-9  A B C D E F G H I J K L M N O P Q R S T U V W X Y   box 7, pink card 4 15-16 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	1 & 2 2 2&3 5-7 5-9 9-12  AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY  Dox 4, blue card box 7, pink card 4 whit 15-16    15-16	1 & 2 2&3 9-12  AA   BB   CC   DD   EE   F   G   H   I   J   J   31   32	1 & 2 5-7 5-9 9-12  AA BB CC DD EE FF GG HH II JJ KK LL MM NN OO PP QQ RR SS TT UU VV WW XX YY  Dox 4, blue card  3	1 & 2 2 2&3 5-7 5-9 9-12    AA   BB   CC   DD   EE   A   B   C   D   E	1 & 2		

In the second meeting, October 26th, we had the following puzzles out:

- AA, BB, CC, DD, EE, FF, HH, RR, SS, UU, VV, WW, XX
- C, D,L,N, O, P, S, T, U
- 32, 34, 35, 39, 43, 46, 47, 48
- 82, 85, 86, 87, 88, 90, 92, 93, 96
- 162, 166, 172

In the third meeting, November 9th, we had these puzzles out:

- II, JJ, KK, UU, VV
- G, I, K, R
- 31, 35, 37, 38, 42, 44, 48
- 76, 83, 97
- 151, 153, 156, 161, 163, 167, 169, 173
- K1, K2, K3, K4, K5, K6, K7, K8, K9

We will choose mostly a different selection each week, but there may be some overlap, and eventally you will see everything if you keep coming, but we are planning on printing out the other boxes soon, and getting more other materials too.