

Woodfarm Literacy and Numeracy Newsletter

Third Level – Numeracy Benchmark:

I can find the probability of a simple event happening and explain why the consequences of the event, as well as its probability, should be considered when making choices.

MNU 3-22a

PROBABILITY WITH DICE

If you roll a dice the probability of rolling a 6 is the same as the probability of rolling any other number; 1 in 6.

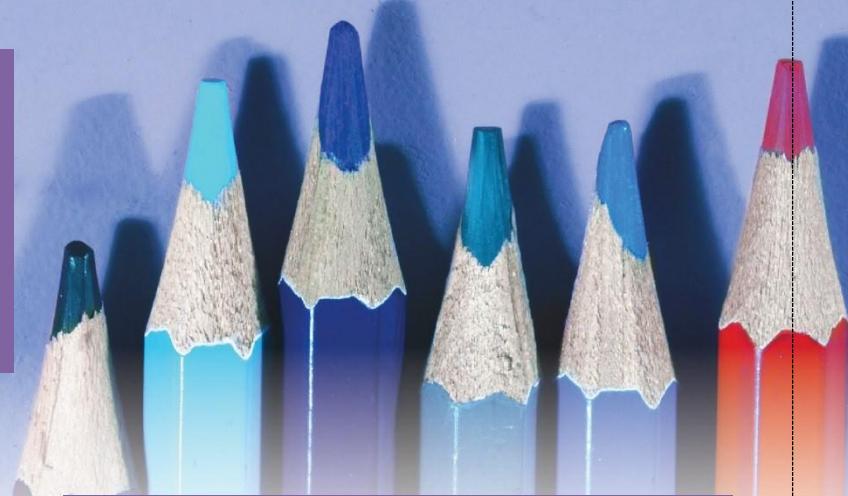


But how about if you roll 2 dice, and count the sum of the 2 numbers, what number are you most likely to roll?

Third Level – Reading Benchmark:

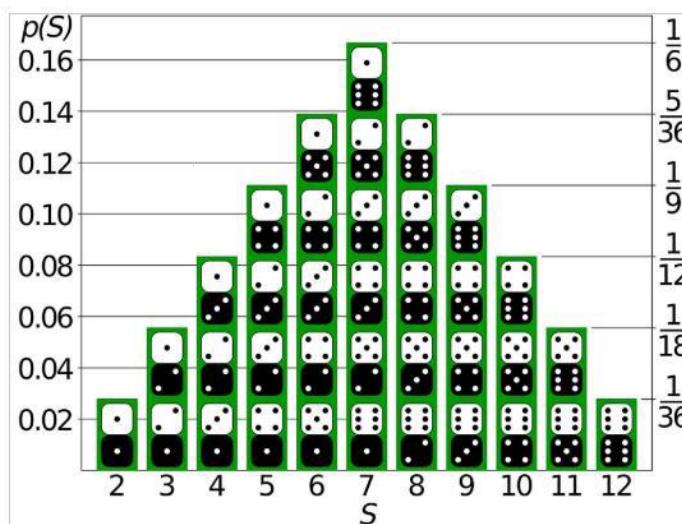
Applies knowledge of context clues, word roots, grammar, punctuation, sentence and text structures to read unfamiliar texts with understanding.

This month the S2 English classes will complete their Standardised Tests. Ms. Strathern has made resources available on SMHW for all S2 pupils and we're sure each pupil will be as successful as they can be. To show your support to them make sure you share any exam strategies you have. Even just to remind them to stay calm and breathe during the assessments! We are always mindful of our HWB commitment – perhaps share with the pupils any coping mechanisms you have for exams or stressful situations. We're sure they would appreciate it!



Well, the answer is **7** with a probability of 1 in 6 also!

The Sum of the Rolls of Two Die



GREEK WORD OF THE MONTH

Schizophrenia=From the Greek words *schizein* (σχίζειν, “to split”) and *phren* (φρῆν, “mind”), it’s pretty self-explanatory. Schizophrenia is one of the top 15 leading causes of disability

worldwide. People with schizophrenia live an average of nearly 29 years less than those without the disorder, according to the USA [National Institutes of Mental Health \(NIMH\)](#).

The lifetime risk of developing the illness is between seven and nine per 1,000. Schizophrenia is the single largest cause of admissions to mental hospitals (Gibbons et al., 2019)

Numeracy Fact of the Month



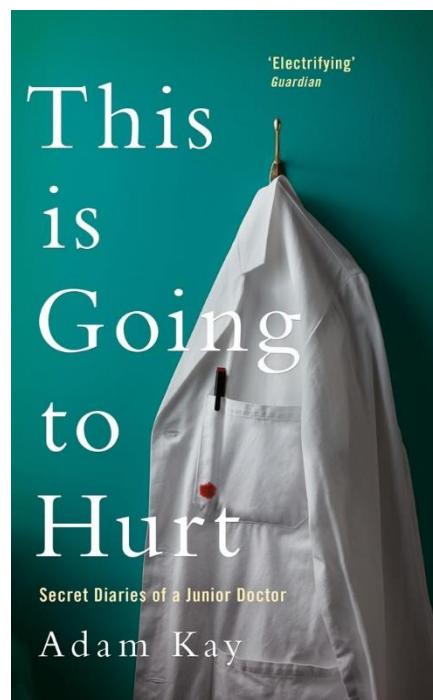
What is a googol (as opposed to Google)? We've all heard of google but have you heard of a googol? A googol is 1×10^{100} which means it is 1 followed by 100 zeros. In simple terms, a very large number.

In the 1930s an American Mathematician named Edward Kasner asked his nine-year old nephew Milton Sirotta to make up a word for him to use. Milton made up the word 'googol'

Book of the Month

AUTHOR: ADAM KEY

PUBLISHER: PICADOR



This is Going to Hurt: Secret Diaries of a Junior Doctor is a nonfiction book by the British comedy writer Adam Kay, published in 2017 by Picador. It is a collection of diary entries written by Kay during his medical training from 2004 to 2010

which Edward Kasner later used to describe the number.

The search engine Google was later named after the 'googol' meaning that Milton Sirotta had unwittingly helped name one of the world's most famous companies.

When Numeracy Goes Wrong:

Dividing by zero once put a US Navy Warship out of action!

In 1997 an unwitting crew member on board the USS Yorktown wrongly entered a zero into one of the ship's computers. This caused the ship's software to divide by zero, meaning that it was stranded and unable to move for over two hours. It is not possible to divide by zero!



Future Library: another Scottish invention

The Scottish artist [Katie Paterson](#) created the [Future Library project](#), a public artwork that aims to collect an original work by a popular writer every year from 2014 to 2114.

A forest has been planted in Norway, which will source paper for a special anthology of books to be printed in 100 years' time.

Between now and then, one writer every year will contribute a text, with the writings held in trust, unread and unpublished, until the year 2114. The manuscripts will be presented in a

Adam Kay is unafraid of admitting the anxieties his job is creating and the impact it has on his personal life. And despite this is a funny book, he is nothing short of a tragic hero facing an unbridgeable gap between life and work.

There are genuinely funny moments in this book. Like this striking meeting with an old lady that happened to July 5, 2005:

Trying to work out a seventy-year-old lady's alcohol consumption to record in the notes. I've established that wine is her poison. Me: 'And how much wine do you drink per day, would you say?' Patient: 'About three bottles on a good day.' Me: 'OK . . . And on a bad day?' Patient: 'On a bad day I only manage one.'

There are also gems of very emotional episodes. Working as Dr must give you access to an encyclopedia of countless stories. It's a pity for literature that writers are the only people who write as the rest are too busy working.

My favorite part is that it makes you empathize with doctors. It's the first time I quite realize the extent of the pressures the staff who work at the NHS is under and the effect the job has on them. And one cannot help thinking about the teachers after reading this book. How they too suffer from working overload and unrealistic demands. Some seem to believe that Dr and teachers are super-human.

My second favorite thing is that you learn new medical words with the help of the most hilarious notes that I have ever encountered in a book. They are meant to be explanatory and they are equally enjoyable like the rest of the book.

Page 38:

GCS or Glasgow Coma Scale, is a measure of conscious level. You get a mark from 1-4 for eye response, 1-5 for verbal response and 1-6 for motor response, giving you a maximum total score of 15 if completely normal and a lowest possible score of 3 if you are dead (or a score of 2 if you are dead and have no eyes)

The story is not a novel as such rather than a collection of memorable diary entries and quotes: "A great doctor must have a huge heart and a distended aorta through which

specially designed room in the new public library, Oslo. Writers to date include Margaret Atwood (2014), David Mitchell (2015), Sjón (2016), Elif Shafak (2017), and Han Kang (2018). The works will remain unread and unpublished until 2114.

One of my favorite writers Karl Ove Knausgaard has taken on a new challenge: the Norwegian writer is to become the sixth contributor to the Future Library, which collects works by contemporary authors that will remain unread until 2114. We will look forward to reading his part in 105 years, meanwhile his published books are highly recommended.

For more information visit
<https://www.futurelibrary.no/>

References:

Encyclopedia Britannica, 2019. Available at
<https://www.ercultureandleisure.org/eresources>

Gibbons et al. 2019. *Mental disorder*. Encyclopedia Britannica. Available
<https://www.britannica.com/science/mental-disorder/Schizophrenia#ref406369>

The Guardian, 20th Oct 2010 *Karl Ove Knausgaard's latest work to remain unseen until 2114*. Available at
<https://www.theguardian.com/books/2019/oct/20/karl-ove-knausgaard-latest-work-to-remain-unseen-until-2114-future-library>

Future Libraries, (2019) available at
<https://www.futurelibrary.no>

pumps a vast lake of compassion and human kindness". Still the good humor (with the author being on the end site of the joke) along with the priceless information about the NHS makes it a recommended reading

Poem of the Month

Speaking To You (From Rock Bottom) - Poem by Michael Ondaatje

Speaking to you
this hour
these days when
I have lost the feather of poetry
and the rains
of separation
surround us tock
tock like Go tablets

Everyone has learned
to move carefully

'Dancing' 'laughing' 'bad taste'
is a memory
a tableau behind trees of law

In the midst of love for you
my wife's suffering
anger in every direction
and the children wise
as tough shrubs
but they are not tough
--so I fear
how anything can grow from this

all the wise blood
poured from little cuts
down into the sink

this hour it is not
your body I want
but your quiet company

