

Monday 4th May

Good morning Year 6,

Here are three puzzles to get you thinking. Answers on the last slide.

#1

A Boy and a doctor are fishing.

The boy is the doctor's son,
However, the doctor is not
the boy's father.

Who is the Doctor?

#2

Mr. and Mrs. Smith have 6 boys.

Each boy has one sister

**HOW MANY PEOPLE THERE
ARE IN THE FAMILY?**

#3 Who is left handed ? How do you know ?



Lizzie, Chris and Alison



Chris or Lizzie will be phoning you over the next couple of weeks to hear how you are getting on.
We are looking forward to having a quick chat with you !

Maths

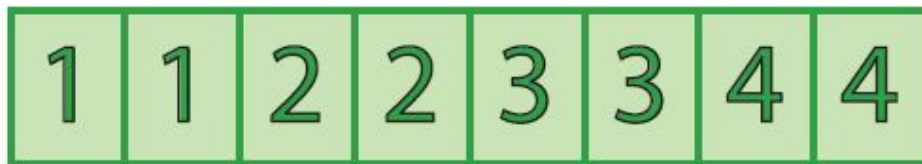


- **I See Maths Challenge - Largest Product .**

- a) Watch the video. [Click here.](#)
- b) Now complete this task. [Click here.](#)

- **Mathletics** Complete your tasks set for today. [Click here.](#)

- **Challenge 2**



Rearrange these number cards so there is one card between the two 1 cards, two cards between the two 2 cards, three cards between the two 3 cards and 4 cards between the two 4 cards.

Answer: [Click here.](#)



Chess

Spend at least 30 minutes on your next ChessKid lessons or puzzles.

<https://www.chesskid.com/login>

If you haven't signed up yet, here is the link to set up your account.

<https://www.chesskid.com/register/kid/group/GC5FSG>

These lessons from CSC might also help you. For each lesson there is a video, worksheet and quiz. The lessons are at the bottom of the web page.

<https://www.chessinschools.co.uk/chess-at-home>



Reading Comprehension

Read the biography of Alan Turing and answer the questions.
Answers included.

[Alan Turing Easier](#)

[Alan Turing Harder](#)

Extra Reading Challenge: Circular Economy [text](#) and [questions](#)

Read Theory

<https://readtheory.org/auth/login>

Creative Writing

Wacky Races is an old cartoon about 11 different cars and their drivers. It's really fun and silly.

Watch these clips:

[Wacky Races Intro](#)

[See-Saw to Arkansas](#)

[Highway Patrol](#)

[The History of Wacky Races](#)

Tasks

1. Design your own car and characters who could compete in the Wacky Races.
2. Write a description about the features of the car and the backstory of the drivers.



"THE MEAN MACHINE"



"THE BUZZ WAGON"



"THE CRIMSON HAYBALER"



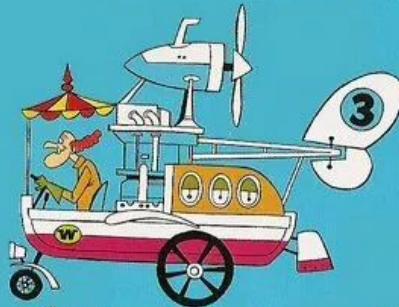
"THE CREEPY COUPE"



"THE VAROOM ROADSTER"



"THE ARMY SURPLUS SPECIAL"



"THE CONVERT-A-CAR"



"THE ROARING PLENTY"



"THE ARKANSAS CHUGGA-BUG"

WACKY



"THE COMPACT PUSSYCAT"



"THE BOULDER-MOBILE"

RACES

Music



Learn about duration and tempo and find out how they affect the feel of any music you listen to.

[Click here.](#)

Computing

An Introduction to Binary Code.

Binary code is the way in which computers talk to each other. Read [this link](#) to find out how binary code works. Then write down the value of each of these binary numbers.

1.) 00010

2.) 01001

3.) 01110

4.) 00001

5.) 10010

6.) 11001

Answers on the next slide.

Binary Code Answers

1.) 00010 **2**

2.) 01001 **9**

3.) 01110 **13**

4.) 00001 **1**

5.) 10010 **18**

6.) 11001 **25**

Coding - Shark Attack Game.

Follow these instructions to create a [Shark Attack Game](#).



This view shows the game. The arrows show the directions the octopus and fish are set to move.

[Scratch](#)

Daily Exercise

1. Find your next exercise video from Joe Wicks. [Click here.](#)

2. Dancers

Leg popping tutorial.. [Click here.](#)



Extension



The government has created the Oak National Academy to provide extra 'lessons' for children while you are at home. Each day there are maths, English and foundation lessons. The lessons are sequential, so it is important that you do them in order.

We want you to first complete the work that we have set you. If you decide you would like an extension, then click on the link below to access their lessons.

[Oak National Academy](#)

Answers

#1

A Boy and a doctor are fishing.
The boy is the doctor's son,
However, the doctor is not
the boy's father.

Who is the Doctor?

His mother.

#2

Mr. and Mrs. Smith have 6 boys.
Each boy has one sister

**HOW MANY PEOPLE THERE
ARE IN THE FAMILY?**

9. The boys all have the same sister.



5. He is carrying the tray with his right hand so he can serve the drinks with his left hand.