

Make the Leap...

Issue 1



Introduction

Welcome to the first issue of 'Make the Leap', the Ada Lovelace School magazine. Each issue will focus on highlights of the term, subject specific leaps and pupil voice.

The school magazine is curated by Miss Sullivan, Head of Art and features several submissions from pupils. Moving forward, subsequent issues will be created by a team of pupils from the 'Make the Leap' magazine club, as and when more extended electives are introduced.

Here at Ada Lovelace we aspire to be ready for life in the 21st Century. Like our name sake we aim to be bold and imaginative, seizing opportunities to problem solve and think differently. We aim to continually improve ourselves and the wider world.

Our motto is...

Ada Lovelace Day

On Tuesday 13th October, the school will be celebrating Ada Lovelace Day. Ada Lovelace Day (ALD) is an international celebration of the achievements of women in science, technology, engineering and maths (STEM).

The school will be marking this special day with a visit from the Bishop of London, Sarah Mullally, the Mayor of Ealing, Dr Abdullah Gulaid and local MP, Rupa Huq. All pupils will have a celebration assembly in the newly opened performance centre, as well as exploring a 'make the leap' focus in their lessons.

See below how some of the subjects will be incorporating the 'make the leap' ethos into their lessons: "In PE we are going to be looking at decision making in a match situation all week and linking it to computational thinking." - Ms Wells

"In Year 9 German, students will learn about the German museum in Paderborn that used an exhibition titled 'In the beginning there was Ada' in order to showcase the role of women in computing." - Ms Lyons

"In Maths, students will be learning about ciphers and how to crack them." - Mr Fell

"The English Department are getting the students to decode unknown words, by giving them word stems and getting students to break them down into component parts." - Ms Bannister

"In science we will be looking at some of the later work that Ada did post Babbage and computers: '...her desire to create a mathematical model for how the brain gives rise to thoughts and nerves to feelings (a calculus of the nervous system)'." - Mr Fahy

"Make the leap"



What does *'make the leap'* mean to you?

Two Year 7 and 8 classes were asked to discuss what the school ethos means to them.

"Reach my goals by setting targets"

"Ask questions, find out different points of view"

"Think outside the box"

"Try new things"

"Put my hand up more in class to share my ideas"

"Use my imagination to think of creative ideas"

"Make connections between different subjects"

"Never give up. Try different ways of doing things"

"Step outside of my comfort zone"



Subject spotlight: Art and Graphics

Each issue of 'Make the Leap' will focus on how different subjects are embodying the school ethos. In this issue we explore how the Art Department are 'making the leap' in their department.



* Every lesson starts with a 'creative starter' in which pupils have to illustrate an idea for that word. The more creative their idea the more positives they are awarded.

* Every lesson then has an art word of the week and a realted artist or designer who uses that skill. This enables pupils to make real world connections to the skills learnt in lessons and careers.

* In Art lessons pupils are encouraged to constantly be reflective of their work and ask what has worked well and what can I do to improve.

* Art lessons encourage pupils to share their ideas in order to inspire one another and to think outside of the box.

* In Art we value 'mistakes' as this is how we make progress. We become braver every lesson and learn to trust ourselves, whilst also listening and taking advice in order to grow.

Pupils discussion on how they are 'making the leap' in Art lessons:



"Art lessons help me think outside the box using creativity"

"I really like learning about different artists every week and how they use their skills."

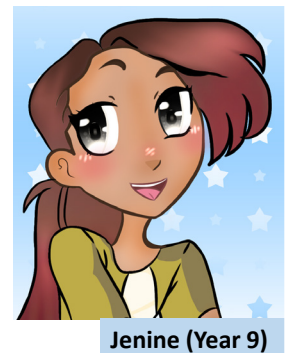
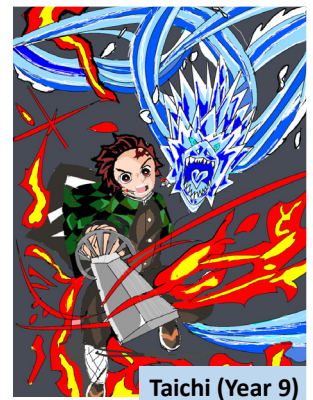
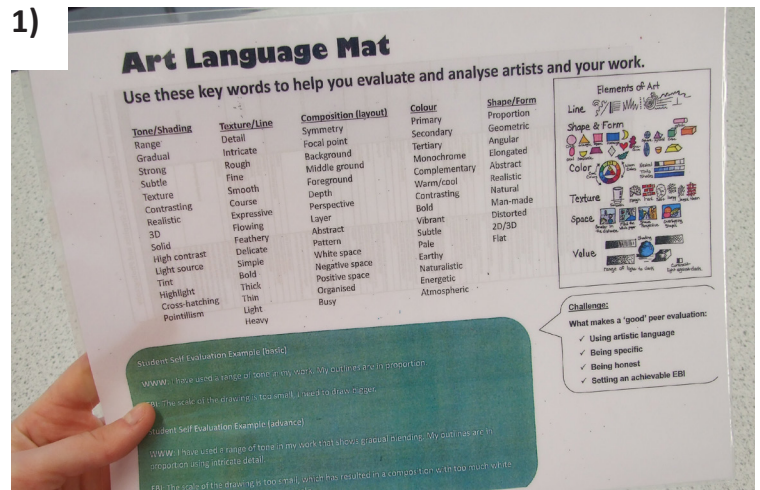
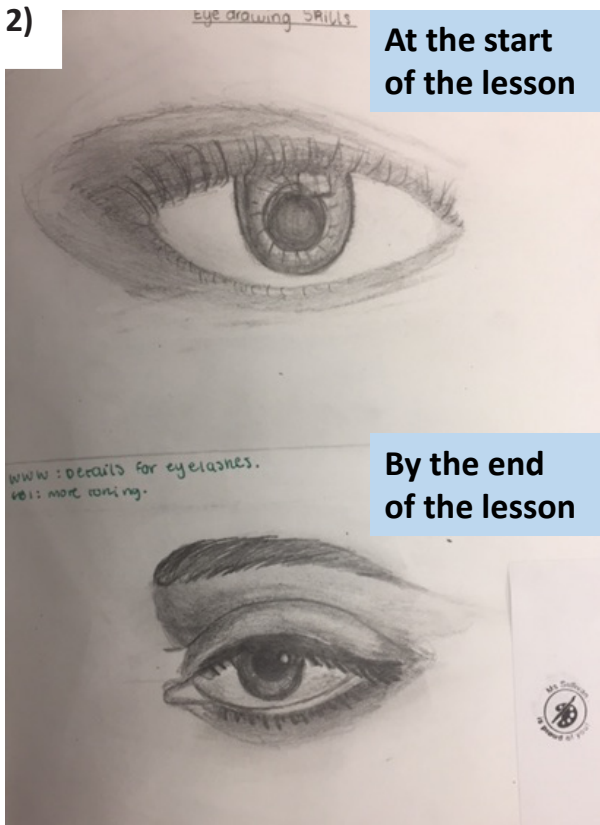
"I am braver as I am trying new things in lessons that I never thought I could do."

"I can use my tier 2 and 3 language map to help me speak about my artwork confidently"

"I am learning about the key 'design principles' in Graphic Communication"

"I am proud of my progress every lesson, using more detail and tone in my work"

- 1) Art Language Mat on every table
- 2) Example of pupil progress
- 3) Subject specific vocabulary
- 4) Examples of pupils' digital artworks made during lockdown



My 'make the leap' role model

Usain Bolt

by Mustafa

"I find Usain Bolt very inspiring because of his dedication and discipline to be the best at his chosen sport. He inspires me to work hard, stay positive and if I set myself a goal I should keep on trying and never give up!"

My favourite Usain Bolt quotes:

"I know what I can do, so I never doubt myself."

"I never dreamed about success. I worked for it."

"The sky has no limits. Neither should you."

Greta Thunberg

by Maja

"I have chosen Greta Thunberg as my 'make the leap' role model as she stands up for what she believes in and empowers other young people to do the same."

Quote by [Hannah Rochelle](#): "Greta Thunberg is sometimes referred to as the Joan of Arc of Climate Change. And rightly so: the 17-year-old Swedish environmental activist has been fighting climate change with such urgency that she has set the precedent for how we as humans need to act if we are to save the planet that we call home."

Albert Einstein

by Rihito

"I have chosen Albert Einstien as my 'make the leap' role model due to his amazing contributions to Science. At the age of 12 he taught himself Geometry. He had a very inquisitive mind and desire to learn about new things."

My 'make the leap' role model

Anthony Joshua

by Amber

"I have chosen Anthony Joshua because he did not let his past define him and made the leap to turn his life around for the better.

At 18 he joined his local boxing club. Anthony used his strength and determination to be the best he could be in his sport. At 30 years old, he is now a Olympic Gold medallist and a father to a 4 year old boy."

Harriet Tubman

by Shania

"I have chosen Harriet Tubman, called 'the Moses of her people', because she was an inspirational leader. Herself a fugitive, she helped rescue more than 300 slaves, leading them to freedom. She showed incredible inner strength and fought to help others."

Quote by Harriet Tubman: "Don't ever stop. Keep going. If you want a taste of freedom, keep going."

Shoyo Hinata

by Mya

"Hinata is a boy from one of my favourite anime shows: 'Haikyuu'. He plays volleyball when people told him he couldn't. He inspired me to 'make the leap' as he is an optimist and he never gives up.

Hinata made the leap by persevering; he saw volleyball on tv and decided that was what he wanted to do, however, no volleyball teams would accept him so Hinata decided to make his own team."

Puzzle Page

Technology wordsearch

R	E	A	L	T	I	M	E	T	L	S	C	L	I
E	N	N	R	I	Y	L	K	B	A	O	H	A	C
R	R	O	T	T	C	O	H	O	C	U	A	C	V
T	E	I	S	M	N	E	I	X	I	R	R	I	S
P	T	T	O	A	E	O	S	P	T	C	D	R	E
R	T	A	F	E	I	S	T	L	S	E	W	O	S
E	A	Z	T	R	C	N	O	O	I	S	A	G	E
D	C	I	W	T	I	O	G	T	T	R	R	E	H
I	S	L	A	S	F	I	R	A	A	E	E	T	T
C	S	A	R	K	F	S	A	L	T	T	C	A	O
T	I	U	E	C	E	I	M	E	S	S	D	C	P
I	T	S	T	I	E	C	I	F	I	U	A	R	Y
V	N	I	L	L	D	E	T	S	P	L	T	X	H
E	E	V	A	C	L	D	M	A	T	C	A	A	R

BOXPLOT
CLICK-STREAM
DECISIONS
CATEGORICAL
SCATTER
VISUALIZATION
HYPOTHESES
STATISTICAL
SOFTWARE
HISTOGRAM
CLUSTERS
PREDICTIVE
EFFICIENCY
HARDWARE
REAL-TIME
SOURCES
DATA

Musical Codebreaker

What do you get if you cross a ballerina
with a plumber?



A		N	trill
B		O	trill
C		P	trill
D	treble clef	Q	2/4
E	bass clef	R	<i>p</i>
F	quarter note	S	<i>f</i>
G	quarter note	T	<i>mp</i>
H	quarter note	U	3/4
I	trill	V	<i>mf</i>
J	trill	W	<i>ff</i>
K	quarter note	X	4/4
L	quarter note	Y	<i>pp</i>
M	quarter note	Z	6/8

HALLOWEEN ART COMPETITION

Design any piece of artwork with the theme of 'halloween'.

Deadline: Monday 2nd November

Winners:

5 positives/work put in the school magazine

Runners up:

3 positives/work put in the school magazine

Every entry receives a positive!

Hand your entries in to Miss Sullivan (ART) or pass them onto your tutor.



**WINNERS CHOSEN BY
Year 9 Art pupils
MARKED AS HIGH IN
CREATIVITY AND SKILL!**



Next issue:

Ada Lovelace Day highlights

Pupil spotlight

New 'Make the Leap' role models

Department focus – PE

Art competition winners and runners up

Puzzle Page

Artwork by Lily (Year 9)



