Pre Learning

Subject: Drama

Year: 8

Research stereotypical superheros and villains and try to answer the following questions:

What is their typical childhood like?

What character traits do they have?

How might they dress?

How might their posture be?

How might the speak?

Pre Learning

Subject: English

Year: 8

1. Research the life of William Shakespeare (write at least two paragraphs). You need to find out:

   – Who he was

   – What he was/is famous for

   – Can you find out something about his life that is surprising?

You could write down what you already know about him before you begin your research.

2. Research the reasons why people still enjoy Shakespeare's work today, in modern times. Make a list of the reasons.

Pre Learning

Subject: Digital Enterprise

Year: 8

Expected:

1. Explain what the binary base-2 number system is.

2. Explain what the denary base-10 number system is.

3. Explain why computers only understand the binary system.

4. Explain what the number 11001100 means.

Embedded:

Complete the tasks above.

Use the ASC11 table to convert your name into binary.

ASCII TABLE

Decimal	Hex	Char	Decimal	Hex	Char	Decimal	Hex	Char	Decimal	Hex	Char
0	0	[NULL]	32	20	[SPACE]	64	40	@	96	60	`
1	1	[START OF HEADING]	33	21	!	65	41	A	97	61	a
2	2	[START OF TEXT]	34	22	"	66	42	B	98	62	b
3	3	[END OF TEXT]	35	23	#	67	43	C	99	63	c
4	4	[END OF TRANSMISSION]	36	24	$	68	44	D	100	64	d
5	5	[ENQUIRY]	37	25	%	69	45	E	101	65	e
6	6	[ACKNOWLEDGE]	38	26	&	70	46	F	102	66	f
7	7	[BELL]	39	27	'	71	47	G	103	67	g
8	8	[BACKSPACE]	40	28	(	72	48	H	104	68	h
9	9	[HORIZONTAL TAB]	41	29	)	73	49	I	105	69	i
10	A	[LINE FEED]	42	2A	*	74	4A	J	106	6A	j
11	B	[VERTICAL TAB]	43	2B	+	75	4B	K	107	6B	k
12	C	[FORM FEED]	44	2C	,	76	4C	L	108	6C	l
13	D	[CARRIAGE RETURN]	45	2D	-	77	4D	M	109	6D	m
14	E	[SHIFT OUT]	46	2E	.	78	4E	N	110	6E	n
15	F	[SHIFT IN]	47	2F	/	79	4F	O	111	6F	o
16	10	[DATA LINK ESCAPE]	48	30	0	80	50	P	112	70	p
17	11	[DEVICE CONTROL 1]	49	31	1	81	51	Q	113	71	q
18	12	[DEVICE CONTROL 2]	50	32	2	82	52	R	114	72	r
19	13	[DEVICE CONTROL 3]	51	33	3	83	53	S	115	73	s
20	14	[DEVICE CONTROL 4]	52	34	4	84	54	T	116	74	t
21	15	[NEGATIVE ACKNOWLEDGE]	53	35	5	85	55	U	117	75	u
22	16	[SYNCHRONOUS IDLE]	54	36	6	86	56	V	118	76	v
23	17	[ENG OF TRANS. BLOCK]	55	37	7	87	57	W	119	77	w
24	18	[CANCEL]	56	38	8	88	58	X	120	78	x
25	19	[END OF MEDIUM]	57	39	9	89	59	Y	121	79	y
26	1A	[SUBSTITUTE]	58	3A	:	90	5A	Z	122	7A	z
27	1B	[ESCAPE]	59	3B	;	91	5B	[	123	7B	{
28	1C	[FILE SEPARATOR]	60	3C	<	92	5C	\	124	7C		
29	1D	[GROUP SEPARATOR]	61	3D	=	93	5D	]	125	7D	}
30	1E	[RECORD SEPARATOR]	62	3E	>	94	5E	^	126	7E	~
31	1F	[UNIT SEPARATOR]	63	3F	?	95	5F	_	127	7F	[DEL]

Exceptional:

Explain the two rules used when adding binary numbers and add the two numbers together- 11110000 and 10101010.

Subject: Design Technology

Year: 8

Can you name and describe the four 'types of motion'? To help you, the first is called 'lineal' and describes the movement of something 'in a straight line'.

Pre-Learning

Subject: French

Year: 8

Find 6 examples of Fairy Tale titles in French.

1.

2.

3.

4.

5.

6

Read the passage below:

1.   Identify key words in French and translate them into English

2.   Summarise the text in no more than two sentences.

> Le Petit Chaperon Rouge est l'histoire d'une petite fille ainsi nommée à cause du chaperon rouge qu'elle porte sur elle toutes circonstances. Sa grand-mère étant malade, sa mère l'envoie lui rendre visite et lui porter une galette et un petit pot de beurre. Sa grand-mère habite dans le village voisin et pour s'y rendre le Petit Chaperon Rouge doit traverser une forêt.

Pre-Learning

Subject: Maths

Year: All Year Groups

Area of Maths	Hegarty Maths Videos and Activities
Decimals	45-52
Fractions	57-70
Percentages	81-90
Number	140-150

The Hegarty Maths activities listed above focus on some of the basics of Mathematics which will help pupils in accessing topics covered in lessons. Pupils are **not limited** to these videos. With over 800 activities on Hegarty Maths we would encourage pupils to attempt as many activities as possible.

In addition to this, pupils will be given **targeted home learning** activities regularly by their class teacher. These will focus directly on areas being covered in Maths lessons or to help pupils prepare for upcoming assessments.

Pre Learning

Subject: Music

Year: 8

Research your, or your parents', favourite rock band.

What instruments do they use?

What songs are they famous for?

Why do you, or your parents, like their music?

Listen to a song by the band and write down how it uses each element to sound effective.
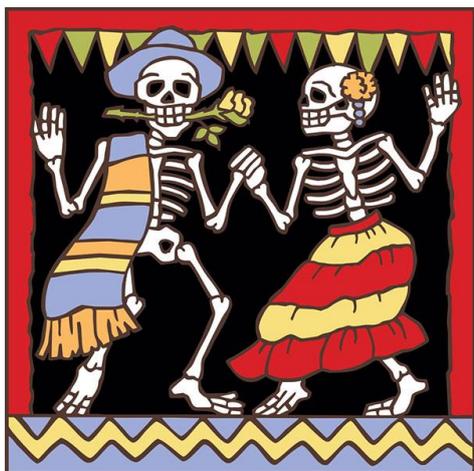
Element	
Dynamics	
Rhythm	
Pitch	

Structure	
Melody	
Instrumentation	
Harmony	

Elective Home Learning

Art KS3

Year 8:

Using line, pattern and texture create a 'Day of the Dead' tile to celebrate a family members life. Add tone and colour to make it as eye catching as possible.

Pre-Learning

KS3 Food

Year 8:

Write a newspaper article on the effects of using too much plastic packaging within the food industry on the environment.

Include relevant images that illustrate your points.

Pre Learning

Subject: Geography

Year: 8

Use the internet to research the Boscastle floods of 2004, there are also a number of videos you can watch on youtube.

Write two clear, PEE paragraphs to explain the causes of the floods and a seperate paragraph on the social, economic and environmental effects of the flood.

Targeted Home Learning

History – Jack the Ripper

Year 8:

Read the extract and answer the questions.

Between August and November 1888,the Whitechapel area of London was the scene of five brutal murders. The killer was dubbed 'Jack the Ripper'. All the women murdered were prostitutes, and all except for one - Elizabeth Stride - were horribly mutilated.

The first murder, of Mary Ann Nicholls, took place on 31 August. Annie Chapman was killed on 8 September. Elizabeth Stride and Catherine Eddoweson were murdered 30 September and Mary Jane Kelly on 9 November. These are often referred to as the 'canonical five' Ripper murders, although Martha Tabram, stabbed to death on 6 August 1888, is considered by some 'ripperologists' to be the first victim.

There has been much speculation as to the identity of the killer. It has been suggested that he or she was a doctor or butcher, based on the evidence of weapons and the mutilations that occurred, which showed a knowledge of human anatomy. Many theories have been put forward suggesting individuals who might be responsible. One theory links the murders with Queen Victoria's grandson, Prince Albert Victor, also known as the Duke of Clarence, although the evidence for this is insubstantial.

Violence to prostitutes was not uncommon and there were many instances of women being brutalised, but the nature of these murders strongly suggests a single perpetrator.

A quarter of a mile from the scene of Catherine Eddowes' murder, the words 'The Juwes [sic] are not the men to be blamed for nothing,' were found scrawled on a wall in chalk, and it was suggested this was written by the killer. A police officer ordered the words to be removed, fearing an anti-Semitic backlash in an area with a large Jewish population. The murderer is also sometimes thought to have made contact by letter with several public figures. These letters, like the chalk message, have never been proved to be authentic, and may have been hoaxes.

Jack the Ripper was never caught and he is not thought to have killed again after November 1888.

1. How many victims were there?
2. Explain the reasons why the environment in Whitechapel made it difficult to catch Jack the Ripper.
3. Why are there so many theories as to who the Ripper Murderer was?
4. How effective were the police in catching Jack the Ripper at the time? What errors did they make and what impact did they have.

Pre-Learning

Subject: Science

Year: 8

Your teacher will tell you the topics you will be covering next half term.

You must research these topics in detail and produce an extended piece of work in your own words.

This can be in the form of

- a mind-map

- a fact-file

- a powerpoint

Or any other way you want to present your learning - be creative!!