

## Computing -

### Probots: Creating Challenges

Design a program for a Probot

- Learn about being respectful online
- Learn how to program your Probot using commands
- Create a program where a Probot has to manoeuvre its way around a grid
- Find problems in a program (debug) and correct them



## English

Style of writing to be covered: Narrative short story

- Letter writing
- Narrative description
- Persuasive advertisement
- Short story



Grammar:

- Choose nouns or pronouns appropriately for clarity and cohesion to avoid repetition.
- Use brackets, dashes or commas to mark parenthesis with accuracy
- Use fronted adverbials to begin a sentence with some accuracy.

## Autumn 1 curriculum newsletter Year Four

## Science

### Animals and their habitats



- Identify how habitats change throughout the year.
- Identify how animals are suited to their habitats.
- Look at the way humans change the environment and affect animal habitats.
- Group animals based upon visible characteristics.
- Classify animals using keys.

## Maths

### Place Value

- Read and write numbers to 10 000
- Understand the value of the digits
- Partitioning numbers
- Rounding numbers
- Use negative numbers in context
- Count in multiples of 6, 7, 9, 25 and 1,000
- Read Roman Numerals (XI)



### Addition and Subtraction

- Mental strategies
- Formal written methods
- Application of skills through reasoning and problem solving

## Geography



### Italy

- Know the location of Europe on a map and globe.
- Know and locate some of Europe's major countries and cities.
- Locate Italy using maps and focus on the key physical and human characteristics, countries, and major cities.
- Learn about Italian culture and influence of weather, lifestyle and the economy.

## Curriculum Enrichment

- Italian themed day - explore and experience the culture and traditions of Italy. Food, fun and games!



# Year 4 - Autumn 1 spelling lists

Week 1 Words with /aw/ spelt with augh and au	Week 2 Adding the prefix in- (meaning 'not' or 'into')	Week 3 Adding the prefix im- (before a root word starting with 'm' or 'p')	Week 4 Adding the prefix il- (before a root word starting with 'l') and the prefix ir- (before a root word starting with 'r')	Week 5 Homophones & near homophones	Week 6 Words with /shun/ endings spelt with 'sion' (if root word ends in 'se', 'de' or 'd')
caught	inactive	immature	illegal	medal	division
naughty	incorrect	immeasurable	illegible	meddle	invasion
taught	inaccurate	impossible	illogical	missed	confusion
daughter	insecure	immortal	illiterate	mist	decision
autumn	indefinite	imperfect	illicit	scene	collision
clause	incomplete	impatient	irregular	seen	television
cause	infinite	immovable	irrelevant	board	revision
astronaut	inedible	impolite	irresponsible	bored	erosion
applaud	inability	important	irrational	which	inclusion
author	indecisive	improper	irresistible	witch	explosion