

CONTENTS

Introduction	1
--------------	---

PART I

What Plants Are and What They Can Do

1. Names	13
2. Plants are Like Animals, Only Different	21
3. Sensing the Environment	27

PART II

How Genes Work

4. How Genes Work	41
5. Switching Genes On and Off	53

PART III

Time to Flower

6. Growing Up Green	67
7. Warm and Cold	73
8. Light and Dark	83

CONTENTS

PART IV

Shaping a Flower

9. The Construction Site	93
10. Special Shapes	103

PART V

Decorating a Flower

11. Painting the Petals	117
12. The Perfume Factory	131

A Final Word	147
--------------	-----

Glossary	149
----------	-----

Further Reading	153
-----------------	-----

Publisher Acknowledgements	155
----------------------------	-----

Picture Credits	157
-----------------	-----

Index	159
-------	-----