

Contents

Acknowledgements xi

Introduction: the internet and the need for effective information skills xiii

1 The learning and teaching context 1

Introduction

Learning 2

Teaching 10

Conclusion 19

References 19

2 The internet 21

Introduction 21

E-mail and listservs 22

Search engines 26

Effective search strategies 31

Keeping up to date with search engines 38

The deep web 39

In-service training and search engines 40

Conclusion 42

References 42

		٠	٠
11	1		•
₹	ı	•	

3 Evaluating websites 44

Introduction 44

Technical criteria 45

Reliability criteria 48

Educational criteria 50

In-service training 52

Conclusion 53

References 54

4 Subject gateways 56

Introduction 56

Evaluating subject gateways 57

General subject gateways 59

Subject-specific gateways 66

Commercially available subject gateways and online sources 66

In-service training 67

Workshop for school librarians on educational gateways 69

Conclusion 70

5 Information skills (with Anne-Marie Tarter) 71

Introduction 71

Definitions 74

Information skills models 74

Using the PLUS model in schools 78

Information skills and web resources: searching for information 80

Information skills and web resources: evaluating websites 82

In-service training 84

Conclusion 89

References 91

6 The PLUS model and the web 93

Introduction 93

Purpose 94

Location 101

Use 104

Self-evaluation 109

In-service training 110

Conclusion 111

References 113

7 Developing a school website

Introduction 114

Purpose of the site 115

Designing a storyboard

Elements of design

Information skills on the school website 123

Developing an intranet 126

In-service training

Conclusion 129

131 References

Developing an instructional website 8

Introduction 132

Approaches to instructional website design - purpose and

audience 133

Evaluating instructional websites 135

Design techniques

Resources and information skills 141

Collaboration between teachers and the school librarian: a case

study of Linlithgow Academy 142

Filamentality 153

WebQuests 155

Conclusion 155

References 158

Future developments 9 159

Introduction 159

The future curriculum 159

Future trends in the internet 160

Implications for teaching information skills

Future roles of the teacher and the school librarian 162

Conclusion 163

References 163

Bibliography 165

Index 169