JCATION /OLUTION

in a high-tech society

ETER DALMARIS

Table of contents

An introduction	13
A brief history of modern education	19
Part One - An education in crisis, and an opportunity	25
Chapter 1 - An education system in crisis	27
Chapter 2 - Think different: learners in charge	33
Chapter 3 - Learning like an inventor	39
Chapter 4 - Inventors and their process of make, test, learn	45
Chapter 5 - Maker Education: A new education revolution	51
Part Two - What is Maker Education?	57
Chapter 6 - The philosophy of Maker Education	59
Chapter 7 - The story of a learner in charge	65
Chapter 8 - Learners and mentors	71
Chapter 9 - Learn by Play	77
Chapter 10 - Deliberate practice	83
Chapter 11 - The importance of technology education	89
Chapter 12 - The role of the Arts in technology and education	95
Chapter 13 - Drive in Making	101
Chapter 14 - Mindset in Making	107
Part Three - Maker Education DIY guide for teachers,	
parents and children	115
Chapter 15 - Learning at home: challenges and opportunities	117
Chapter 16 - Some of the things makers do	123
Chapter 17 - The learning comer	129
Chapter 18 - Learning tools	137
Chapter 19 - Online resources for Maker learners	143
Chapter 20 - Brick-and-mortar resources for Maker learners	149
Chapter 21 - Maker Movement Manifesto and the Learning Space	155
Part Four - An epilogue: is Maker education a fad or	
an opportunity?	161
Chapter 22 - Can we afford to ignore Maker Education?	163
Chapter 23 - The new role of the school	169