


Reading In DT



| Book Title | Author | What's it about? | Suggested age range |
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| <p>The Way Things Work Now</p>  | David Macaulay | <p>David Macaulay's books are full of beautiful illustrations and comprehensive explanations of the engineering behind some of the most fundamental aspects of our history and current life.</p> <p>'The Way Things Work Now' is a must-read for all those interested in engineering.</p> | <p>11-12</p> <p>Year 7</p> |
| <p>How to Invent Everything</p>  | Ryan North | <p>In this book, Ryan North explains how humans evolved from individuals without complex communication skills, to being able to sustain the large population that exists today.</p> <p>A fun, light-hearted read, packed full of information to give you some insight into the history of humanity.</p> | <p>12-13</p> <p>Year 8</p> |
| <p>Calling All Minds</p>  | Temple Grandin | <p>Temple Grandin, a world-famous scientist, inventor, and autism spokesperson, invites young innovators to indulge their curiosities about the seemingly innocuous.</p> <p>She uncovers the science behind everyday inventions, relays the history of great innovators, and encourages readers to reimagine how they approach and conceive of the world.</p> | <p>13-14</p> <p>Year 9</p> |
| <p>The Essential Engineer: Why Science Alone Will Not Solve Our Global Problems</p>  | Henry Petroski | <p>"The Essential Engineer" is an eye-opening exploration of the ways in which science and engineering must work together to address our world's most pressing issues, from dealing with climate change and the prevention of natural disasters to the development of efficient automobiles and the search for renewable energy sources. While the scientist may identify problems, it falls to the engineer to solve them.</p> | <p>14-15</p> <p>Year 10</p> |



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| <p>Sustainable Materials - with Both Eyes Open</p>  | <p>Julia Allwood</p> | <p>The book presents a vision for change, backed by comprehensive real life experience. The book is based on scientific detail. But it's practical, not pie in the sky: everything in the book is backed by evidence and commercial experience. The solutions presented here are ahead of the game now. By providing an evidence-based vision of change, the book can play a significant role in influencing our future.</p> | <p>15-16 Year 11</p> |
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