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focus on people rather than on things. According to this explanation, Lund was asked to concern himself primarily with how best to handle his boss, the Space Center, and his own engineers. He was to draw upon

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throughout history created worldchanging tools, from ATMs and ZIP codes to the digital camera and the disposable diaper. Equal S parts personal, practical, and profound, Applied Minds charts a path to a future where we borrow strategies from engineering to Page 40/66

find inspired solutions to our most pressing challenges.

Clearly explained engineering concepts and fun, simple projects give kids ages 7-9 the chance to put their STEAM knowledge to the test! Teach kids to think like an

engineer! The engaging projects in this book will encourage kids to investigate using items from around the house. Build a robot arm out of rulers; learn about jet propulsion with balloons; crush toilet-paper rolls to explore materials; and much more. Read Page 42/66

about how engineers use STEAM subjects and their imaginations to think critically and solve problems. Be inspired by engineering heroes such as Leonardo da Vinci, Mae Jemison, and Elon Musk. Fun questions, engineering experiments, and Page 43/66

real-life scenarios come together to make engineering relevant. In How to Be an Engineer, the emphasis is on inspiring kids, which means less time at a computer and more time exploring in the real world.

Thinking Like an Engineer focuses on high-interest, career-related topics in the elementary curriculum related to engineering. Students will explore interdisciplinary content, foster creativity, and develop higher order thinking skills with activities Page 45/66

aligned to relevant content area standards. Students will complete design challenges, visit with an engineer, and investigate real Jes world problems to plan feasible engineering solutions. Thinking Like an Engineer reflects key emphases of curricula from the

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