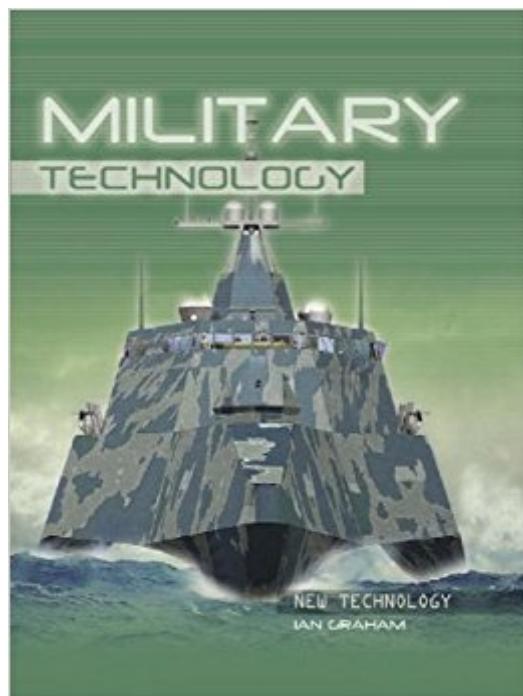


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Military Technology (New Technology)



Synopsis

The New Technology series is an exciting, up-to-date look at new technology and the effect it is having on the world. Each title looks forward to likely future technological advances that will affect our everyday lives. Today there are already unmanned spy planes, military robots, and stealth bombers. But what new weapons and systems will be around in the future? Will soldiers really wear uniforms that control their body temperature or sound an alarm if they are injured? Will robots be the soldiers of the future? Will robot spies as small as insects scout enemy territory? With developments in military technology, future warfare and defense will be very different. --This text refers to the Hardcover edition.

Book Information

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Age Range: 12 and up

Grade Level: 7 and up

Customer Reviews

This abundantly illustrated yet slim volume in the New Technology series looks at the latest developments in weapons and intelligence-gathering technologies. Brief chapters discuss aviation, land warfare, warships and submarines, intelligence, nonlethal weapons, and space weapons. Body armor, exoskeletons, lasers, robots, stealth aircraft and ships, and unmanned spy planes are among the advances profiled. Some of the technologies discussed are currently in limited use, but most are in the development or prototype stages. Regular bulleted sidebars including How It Works

and What's Next? drill further into each topic. The brevity of the text and the vivid visual design of the book will make it especially appealing to reluctant readers, and the appendixes include a glossary and sources for further information. Other titles in the series address new technologies in the fields of energy, the environment, food, and transportation. Grades 7-10. --Ed Sullivan

Ian Graham is the author of Cherished Library, as well as the Danger Zone series, the Mighty Machines series, and the New Technology series. --This text refers to the Hardcover edition.

Military technology is always being updated. Like anything else, say for example the Playstation game console, as soon as it came out other companies were vying to make an even better version. Hundreds and hundreds of years ago people were making their first weapons to protect their families and territories and now our "modern artillery can fire an exploding shell more than 18 miles and the most powerful rocket-propelled missiles can travel 5,000 miles." The United States is among the most competitive and spends the most money developing technology. No matter if we are looking at military technology by air, land or sea, this book covers it all. It's important for the military to "clear the sky" of all enemy threats in the air. You'll read about stealth planes, "vertical takeoff aircraft" (including the new tiltrotor), Unmanned Air Vehicles (UAVs), Remotely Piloted Vehicles (RPVs), unmanned fighters of the future (Unmanned Combat Air Vehicles UCAVs), and laser planes. On land soldiers "depend on their weapons, vehicles, protective clothing, and equipment." You'll read about some amazing things like armored uniforms, military robots like the Battlefield Extraction-Assist Robot (BEAR) that can rescue soldiers and nuclear weaponry called "weapons of mass destruction" (WMD). Also discussed in this section is nuclear proliferation and "dirty bombs." On the seas we can read about "sea giants" like the huge aircraft carriers, stealth warships (amazing!), naval gunnery, railguns, submarines and underwater rockets, including Russia's Shkval. This book also talks about how we gather intelligence. It discusses satellites, spy planes, micro spies (aircraft with no pilots), micro air vehicles electronic warfare, robot spies, and seabed sensors. You'll learn about nonlethal weapons, "devices that stop enemy troops from advancing or move them out of an area without doing them any serious harm." These include things like heat rays, electric shock weapons and acoustic weapons. Lastly this book talks about space weapons. This is a very thorough book on the subject for the young adult reader, perhaps one that would eventually find an interest in a military career. The book has a futuristic bent to it that many young people will be very fascinated with. There are numerous full color photographs, informative

sidebars, a glossary, an index and additional recommended book and web site resources. This is a book the young military buff will grab for!

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