

SKIP INTRO



Mall II

Brad Settle Spring 1995 Honors Thesis

Completed December 16, 2001

Project Summary: The purpose of the project was to create an educational presentation on various aspects of DVD technology as compared to previous technologies such as CD-ROM. The audience for this project must have some knowledge of how to navigate through interactive documents on the computer.

Instead of writing a normal formatted research paper, I wanted to present my research in a non-linear interactive digital format to be accessed with computers. For my thesis project I used several software programs on Macintosh and PC computer platforms, consisting of Adobe Photoshop 6.0, Illustrator 9.0, GoLive 5.0 and Macromedia Flash 5.0. Having never used Flash 5.0 before, I gained a knowledgeable understanding of the software through my research project. I will use this knowledge to teach students in advanced website design and multimedia classes this spring at Seward County Community College.

The process of my research project started out by gathering information on CDs and DVDs through the use of the internet and the limited technical publications available. However, the internet provided the most up-to-date information on DVD technology. The next step was to develop an easy interface with recognizable icon buttons as a menu to allow the audience to navigate through the information. I sketched the interface and icon buttons on paper then converted them into digital format on my computer. Once the menu was complete, I proceeded to compile the information from references. Finally, I scripted each icon button to have graphics, movement and sound with its selectable information. I learned a good lesson on why "storyboarding" is important in multimedia. I did not use the "storyboarding" process, which could have saved me a significant amount of editing time.

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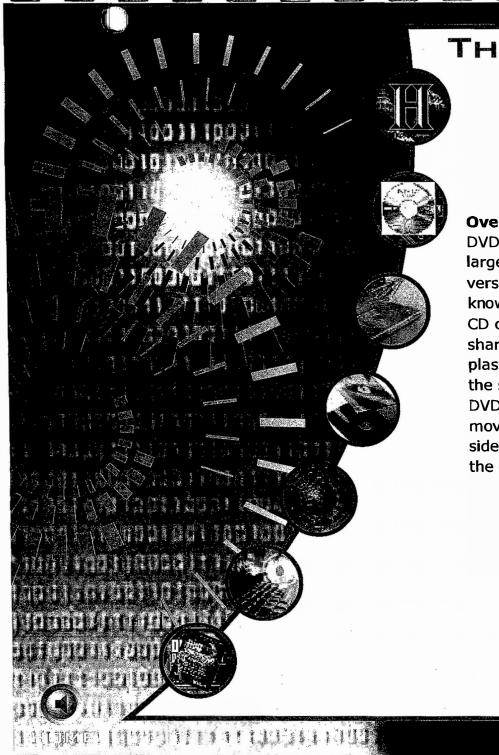
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THE AGE OF DVD

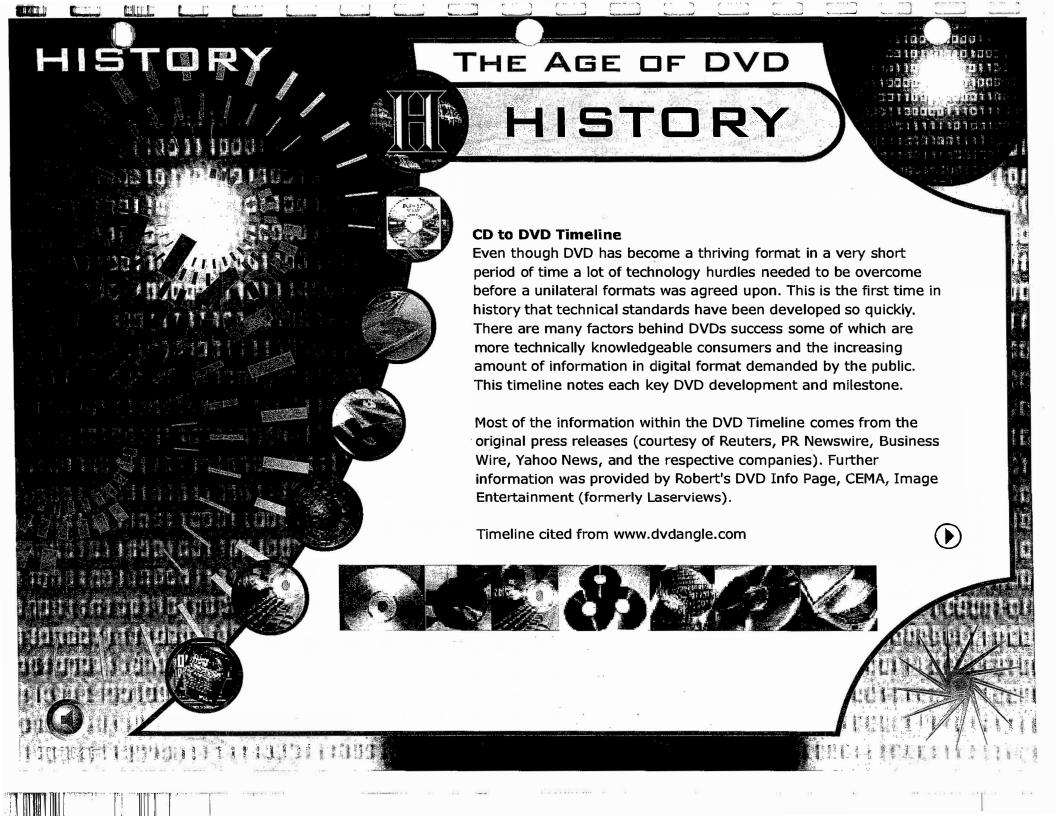


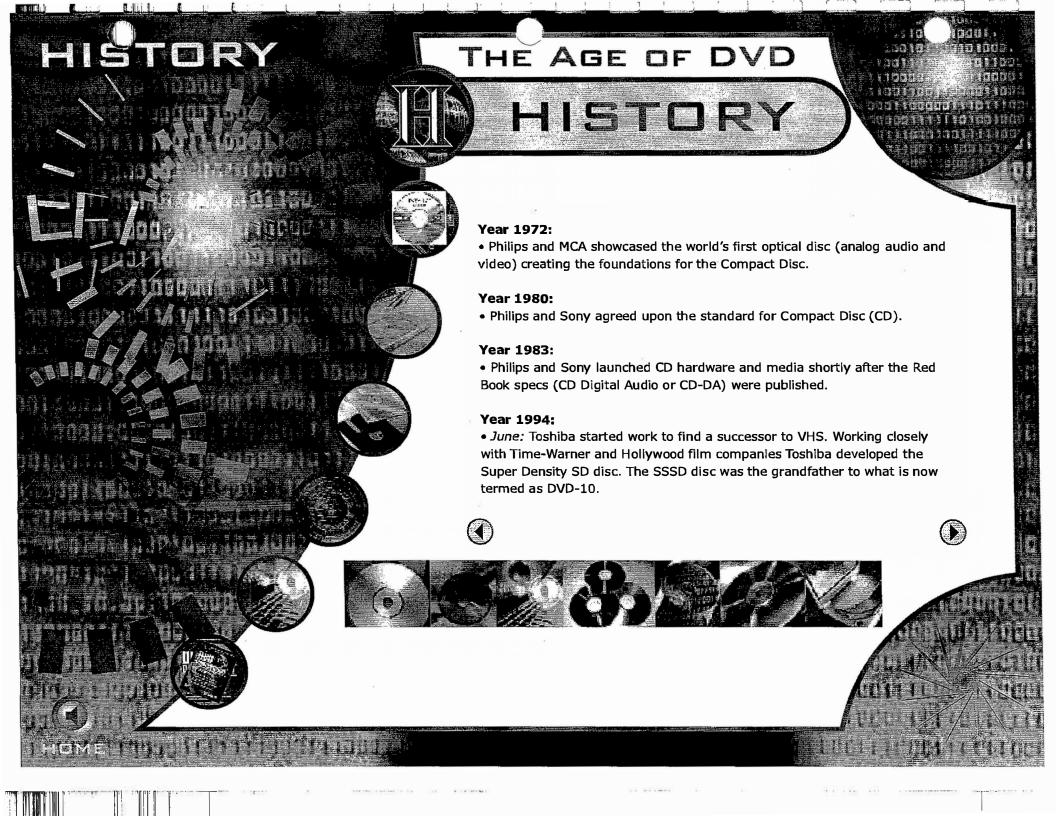


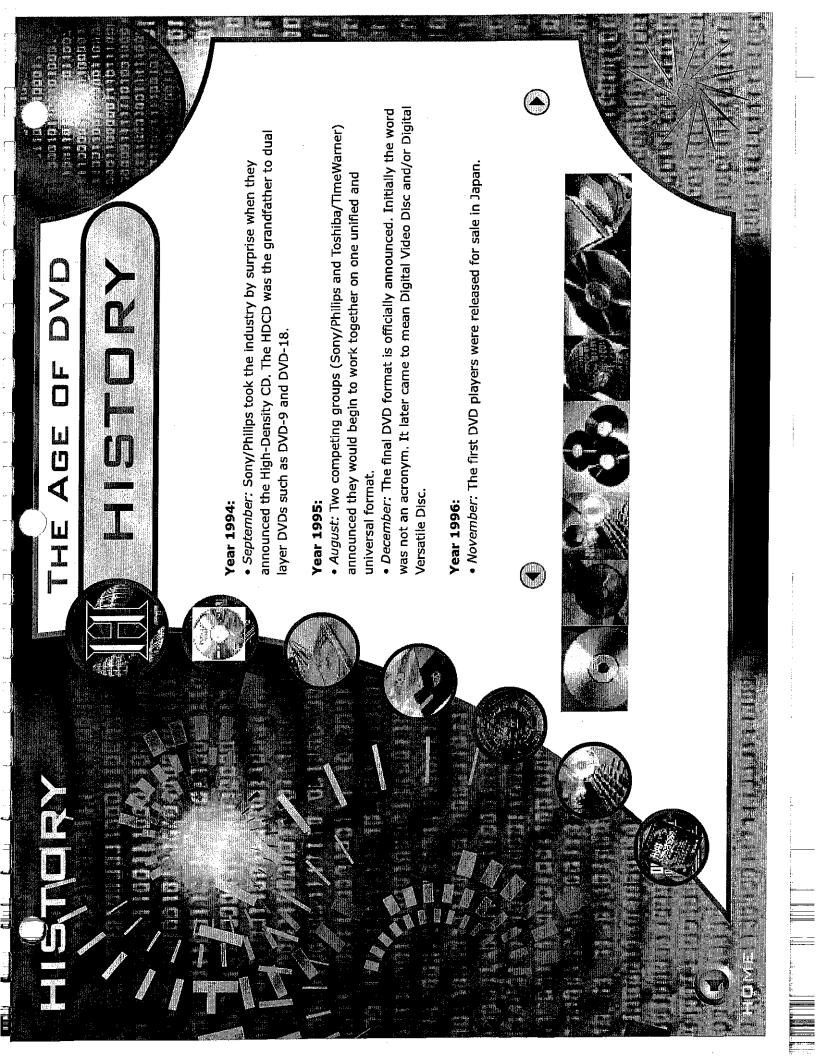
Overview

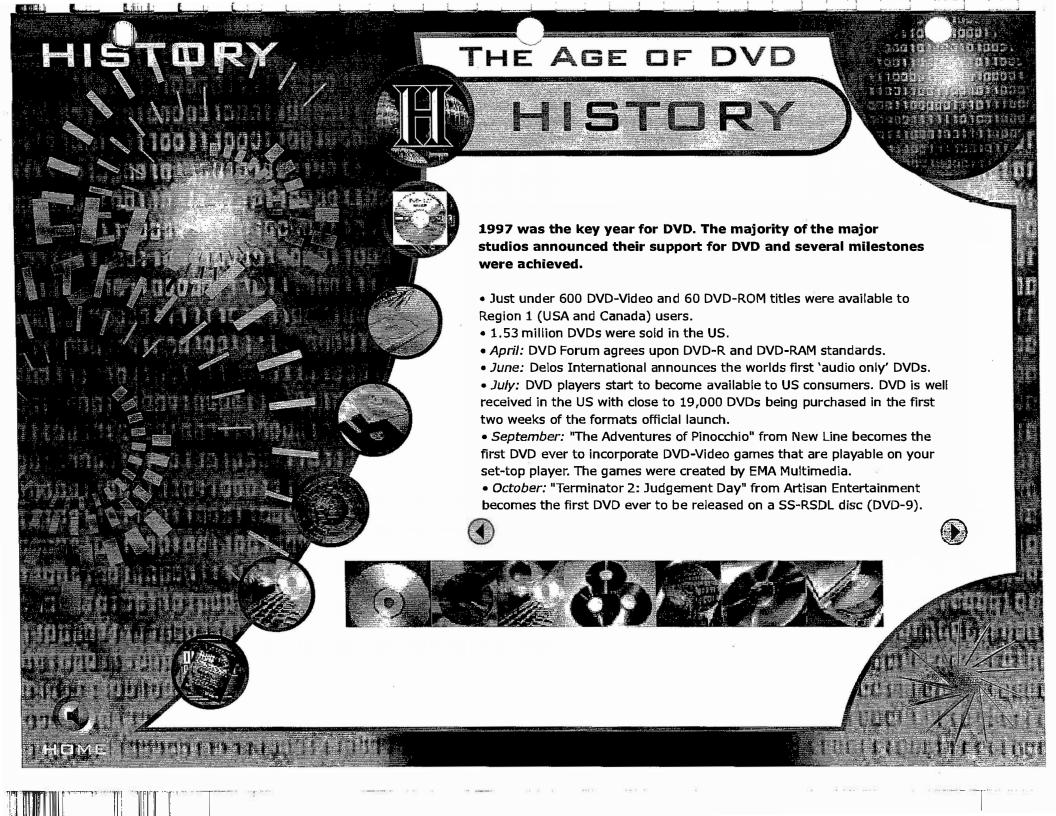
DVD is a high-density optical disc designed for the storage of large amounts of data. DVD originally stood for digital versatile disc and/or digital video disc, but now it may only be known as DVD. At first glance, a DVD disc looks much like its CD counterpart. In fact there are several similarities. Both share the same 12cm-diameter dimension and .12cm thick plastic disc, relying on lasers to read its data, but that's where the similarities end. A CD can hold 650MB, while a single-layer DVD disc can hold 4.7GB, the equivalent of a two-hour digital movie or seven times the capacity of today's CD. A double-sided, double-layer DVD disc can store up to 17GB of data, the equivalent of 25 CDs.

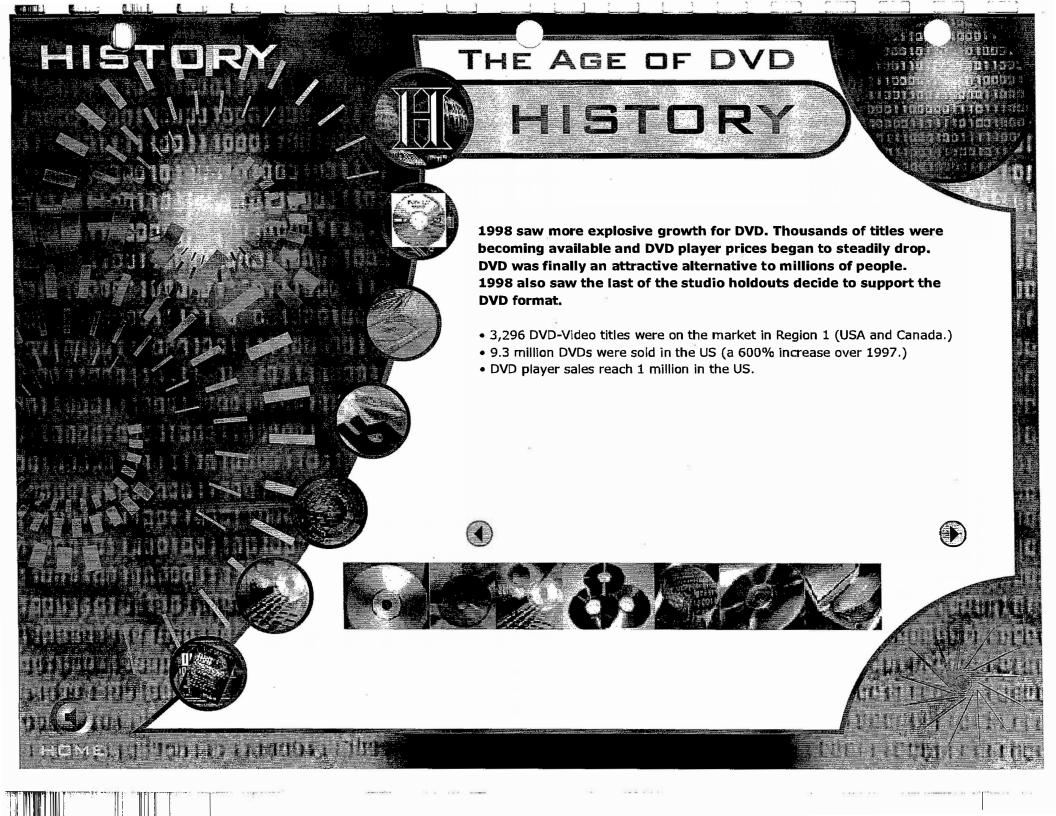


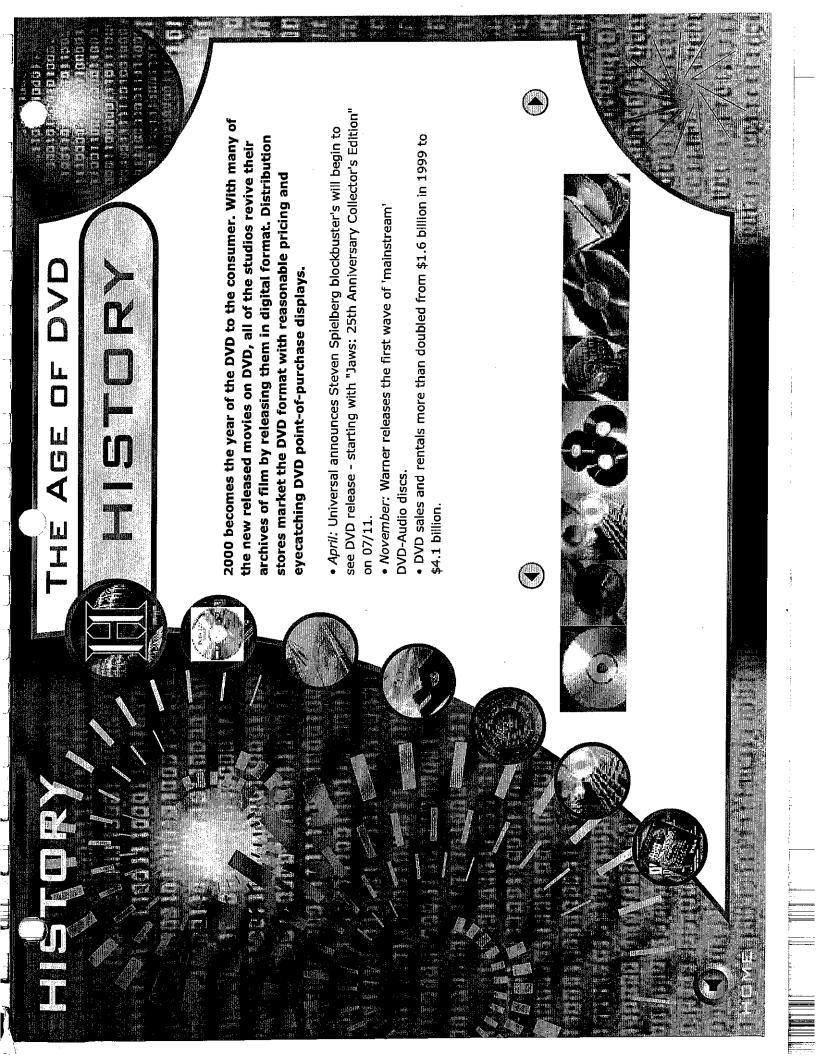






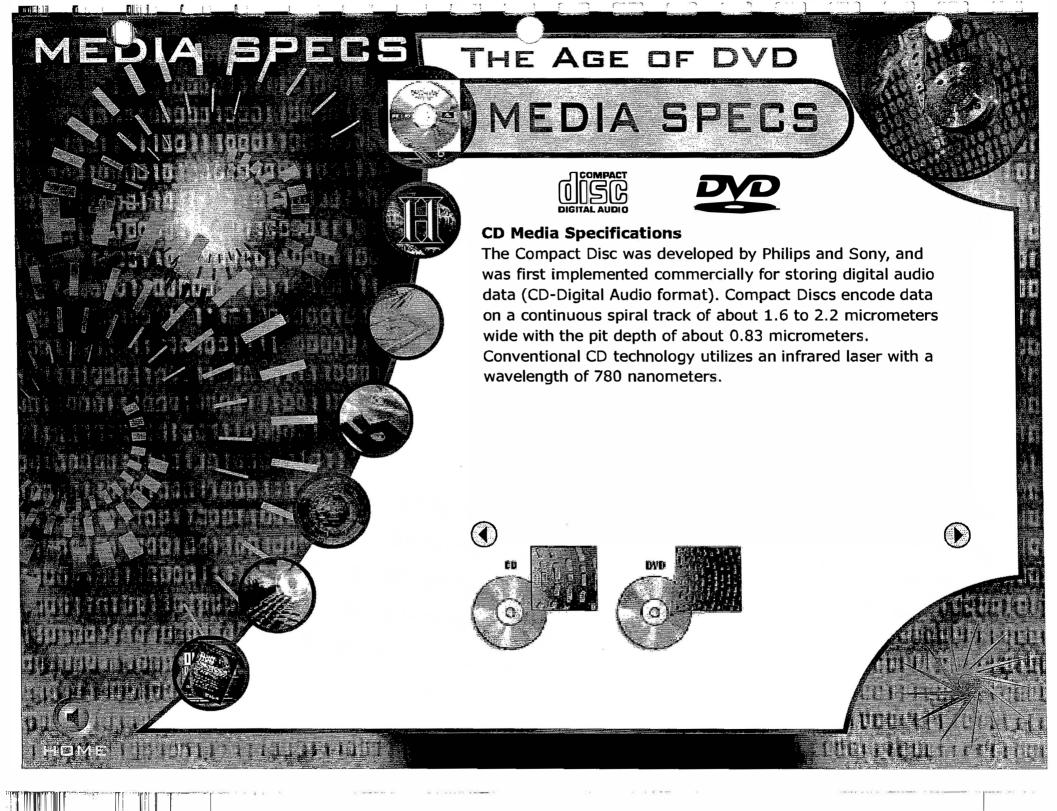




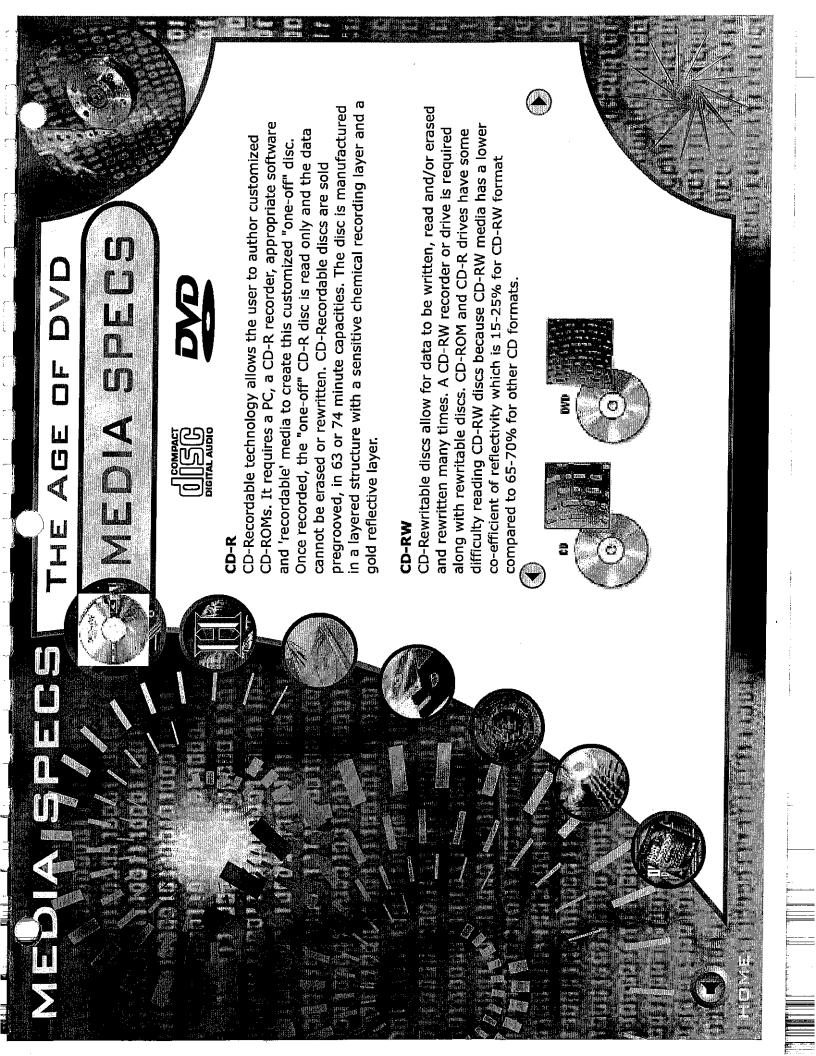


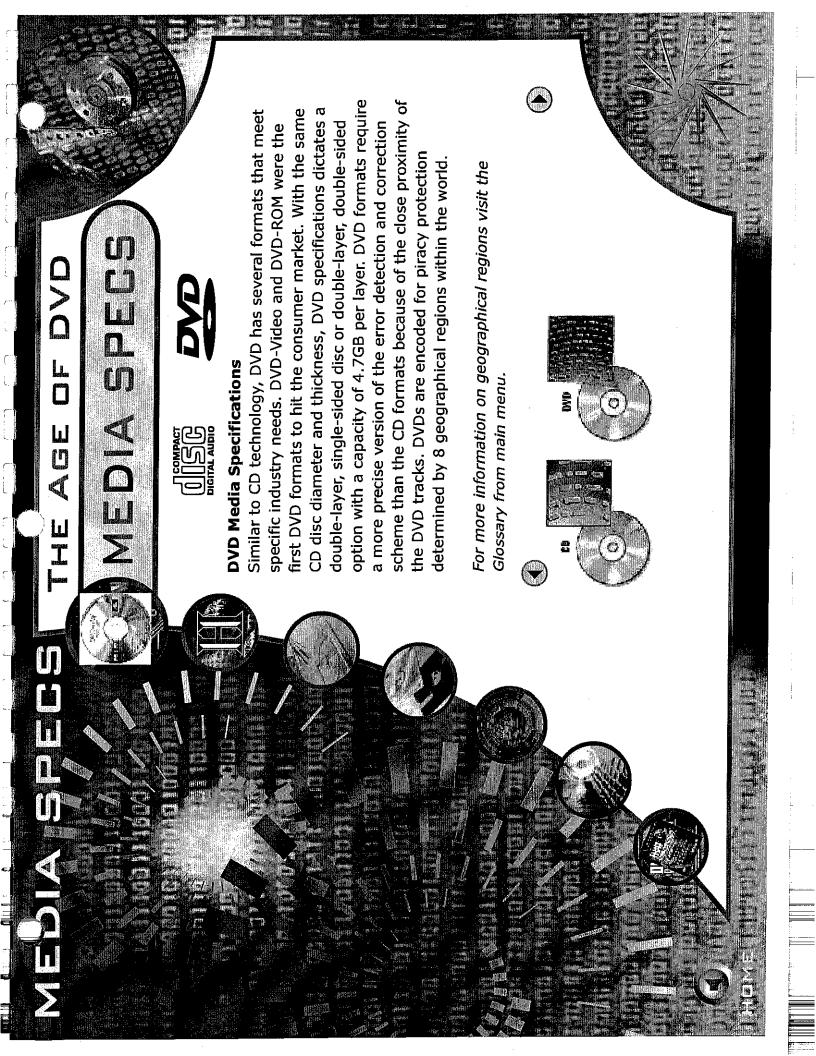
THE AGE OF HISTORY 2001 puts the DVD on the path to become the media choice for viewers and listeners. DVD production studios continue to add extras (behind-the-scenes footage, actor interviews and out takes) to the DVD-Video and DVD-ROM formats, enhancing the overall entertainment experience. VHS video tape format starts to see it's market numbers decline for the first time. • March: Artisan proves to be an innovator once again - their release of "Book of Shadows: Blair Witch 2" is the first DVD/CD hybrid disc (DVD on one side, CD on the other.) • July: Apple announces iDVD 2.0 - allowing users to create "professional" quality DVD's on the Mac. • Market analysts predict the DVD sales and rentals to double again from \$4.2 billion to \$8.5 billion. • VHS revenues dedine \$17.7 billion to \$16.9 billion.

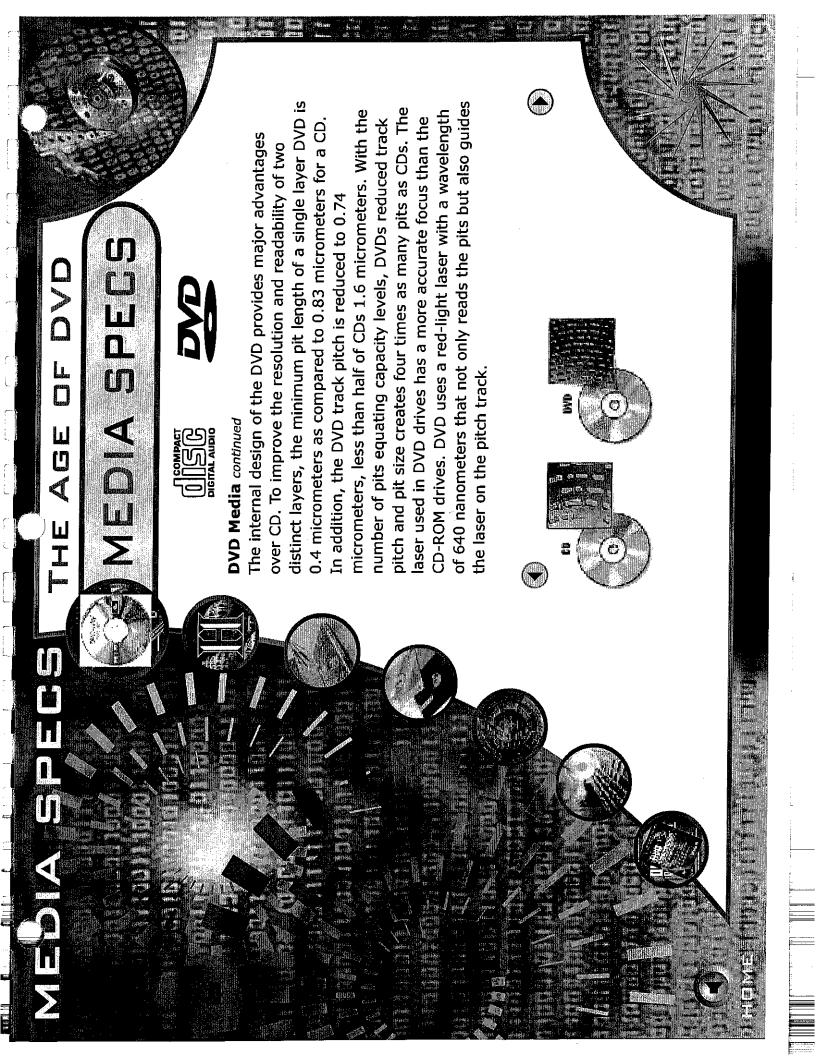


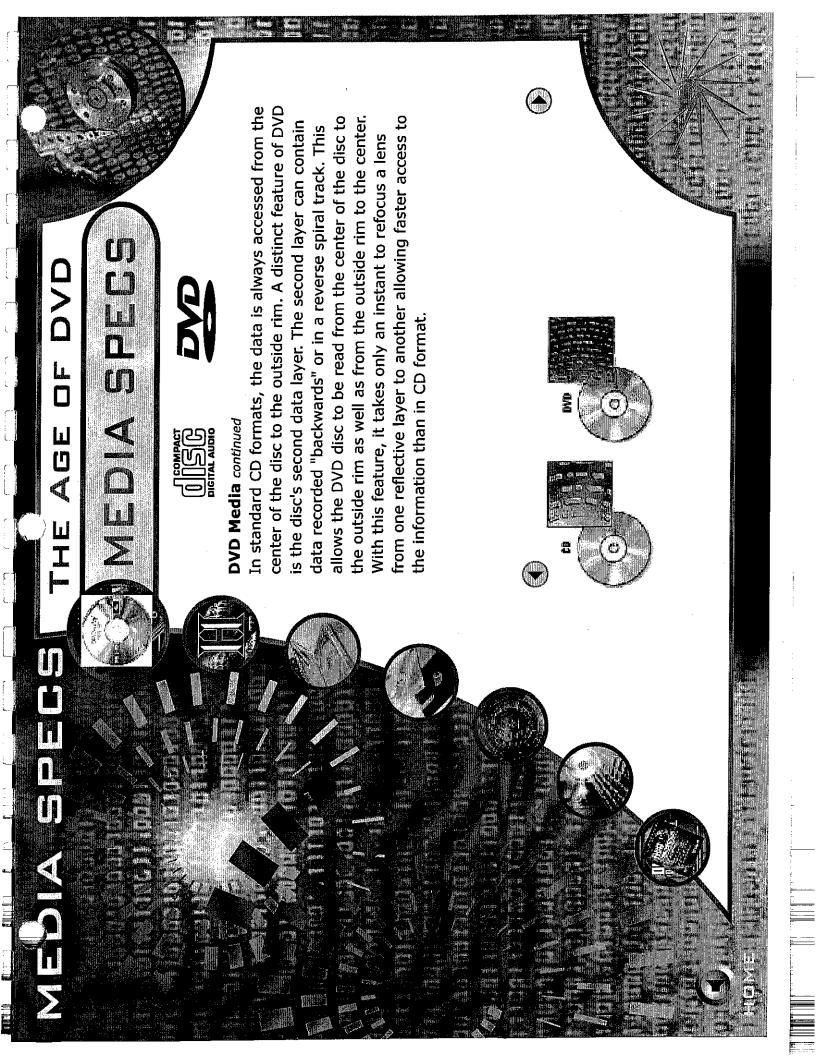


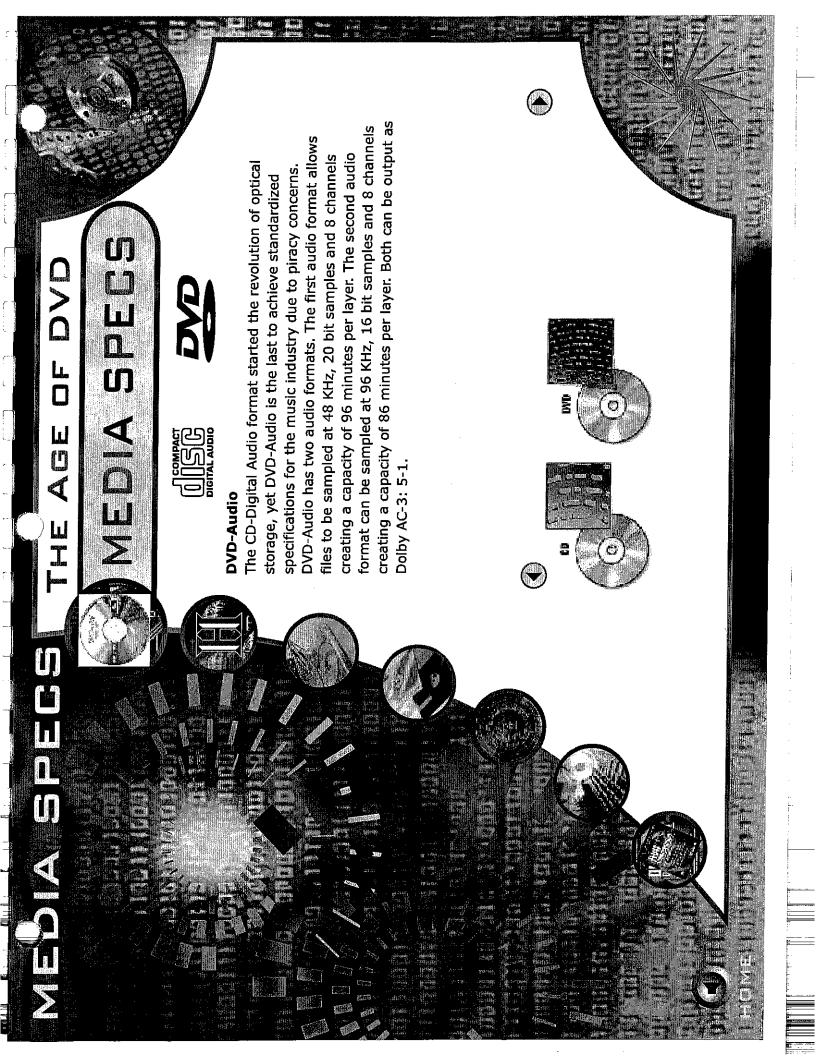


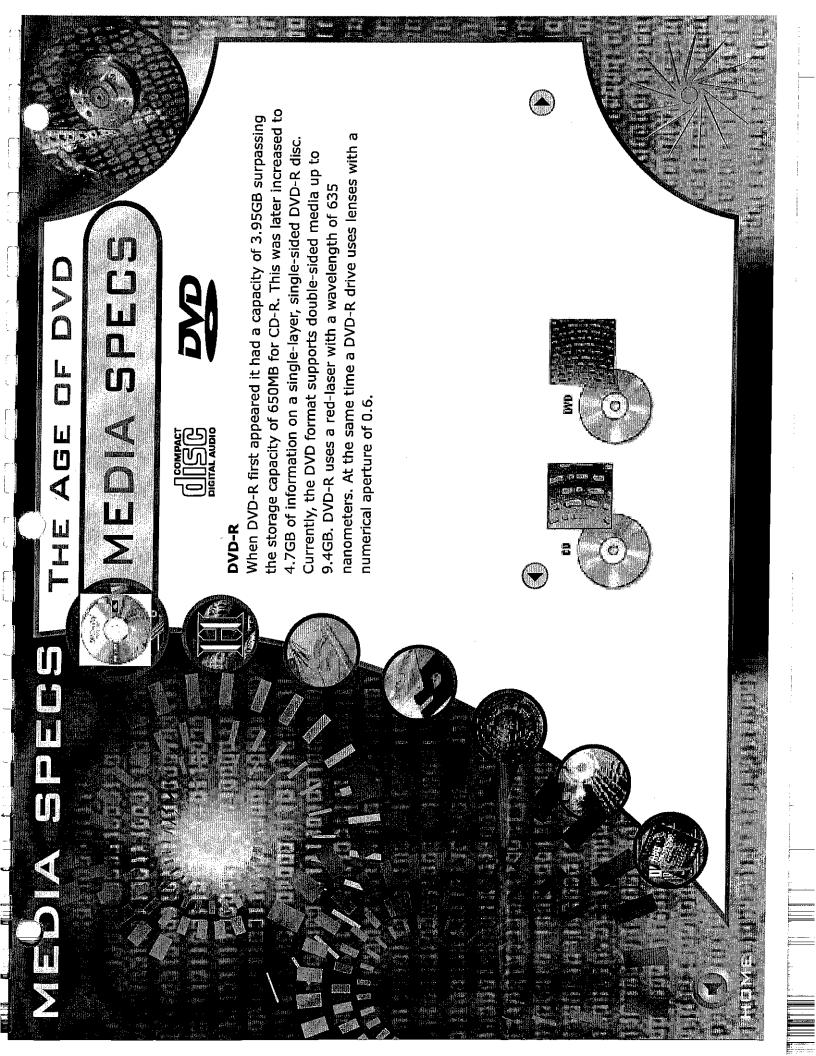


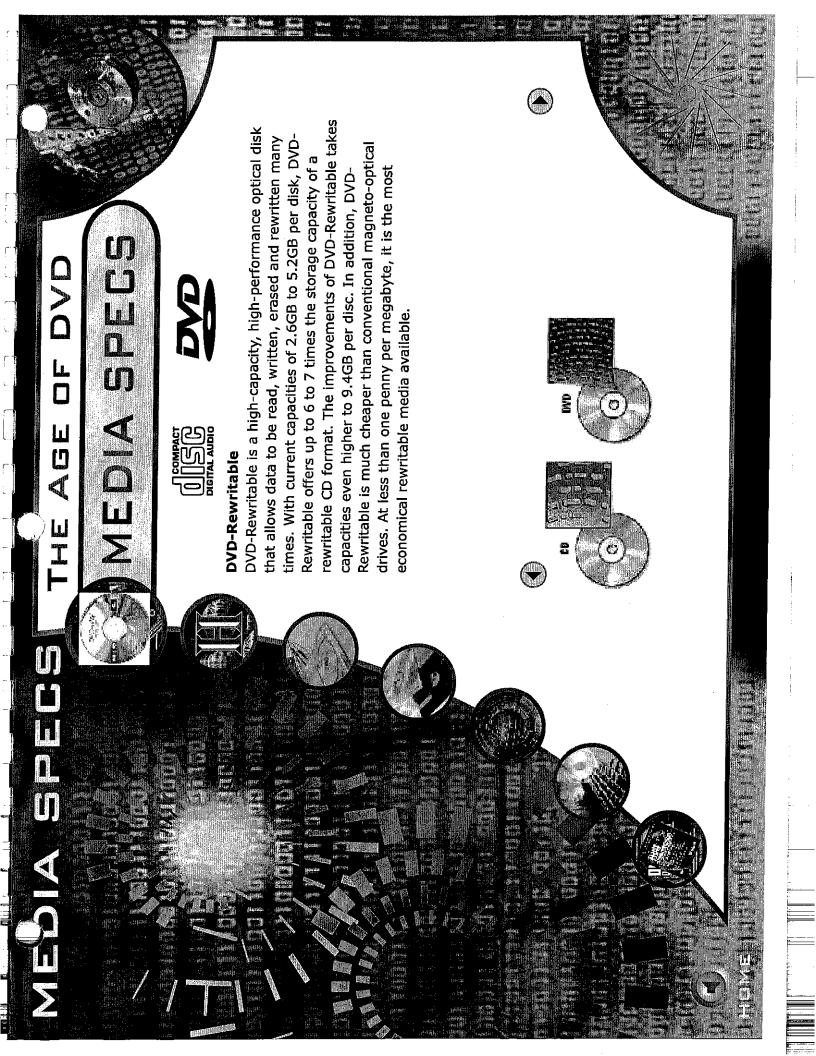


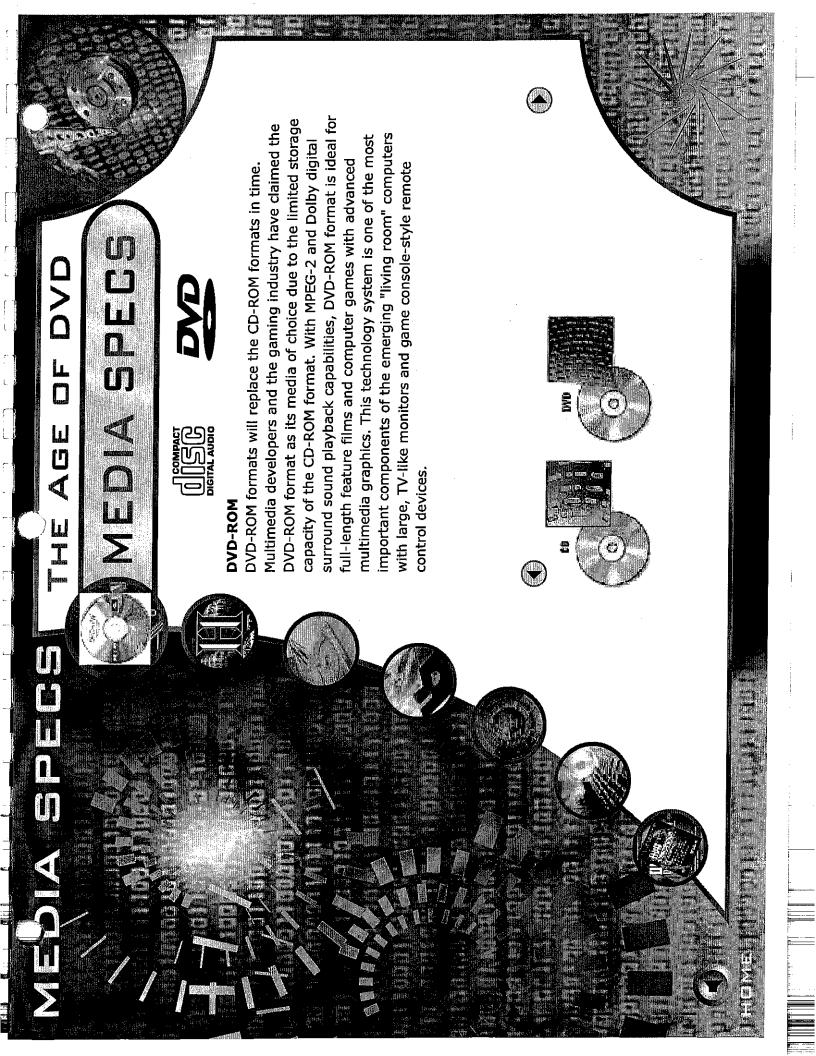




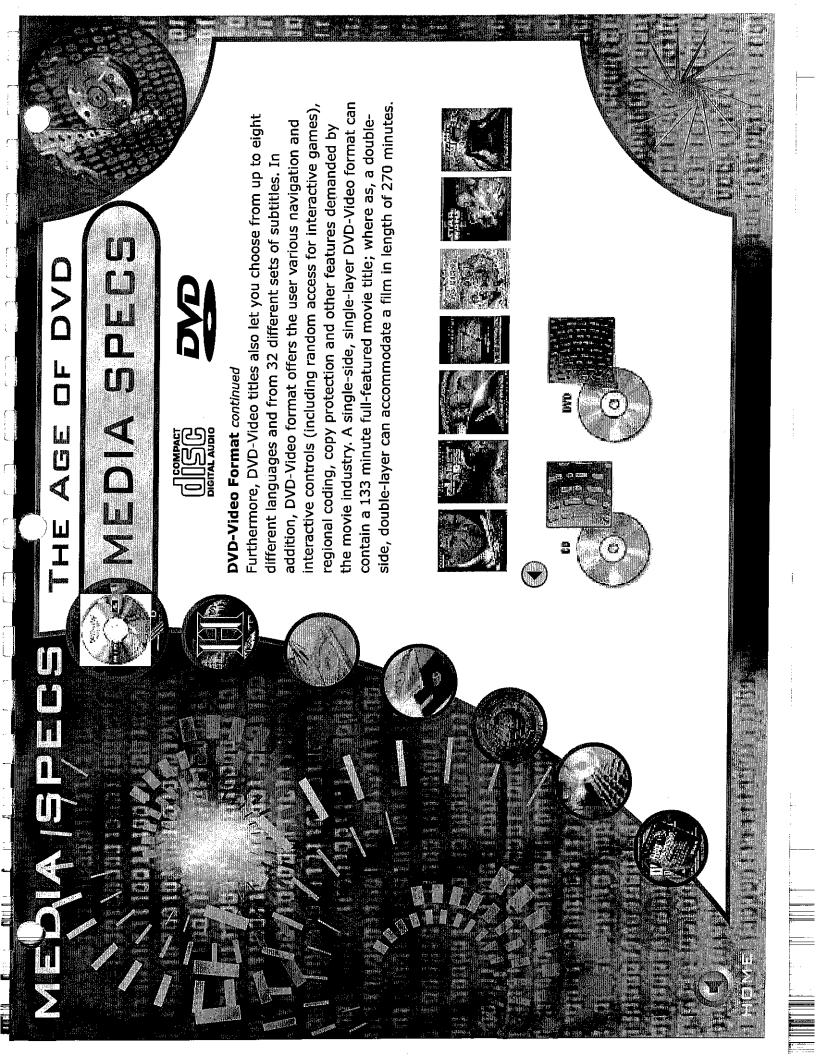


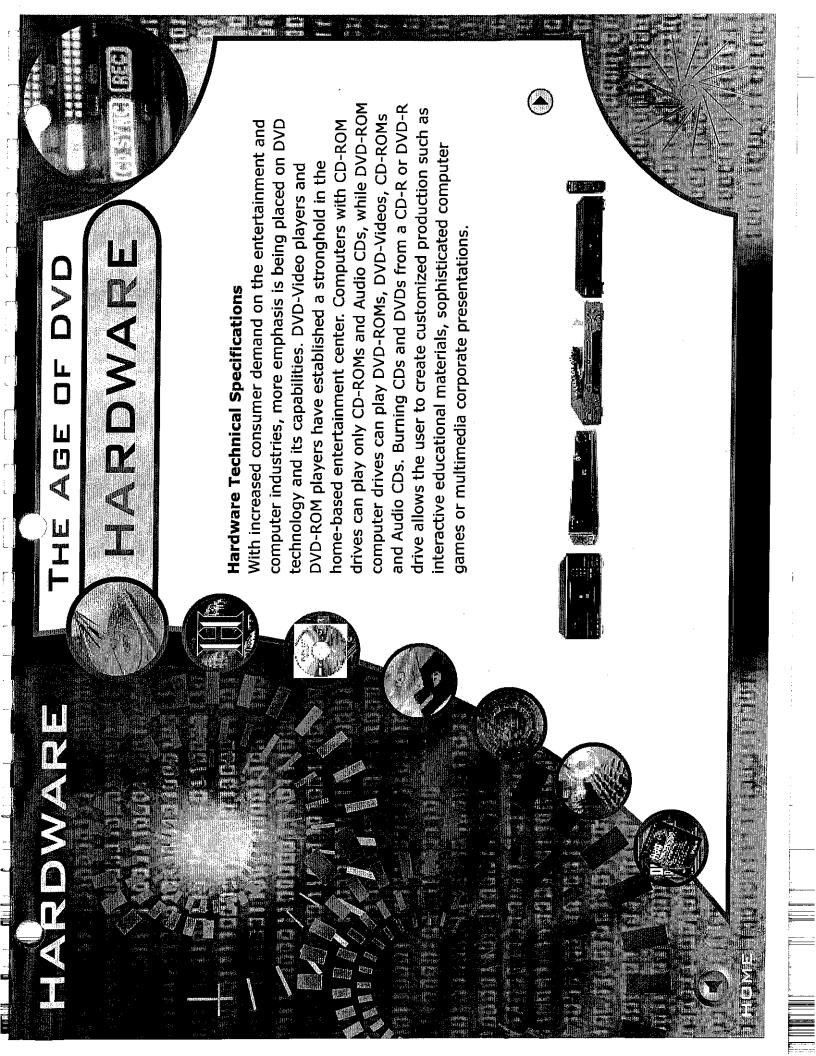




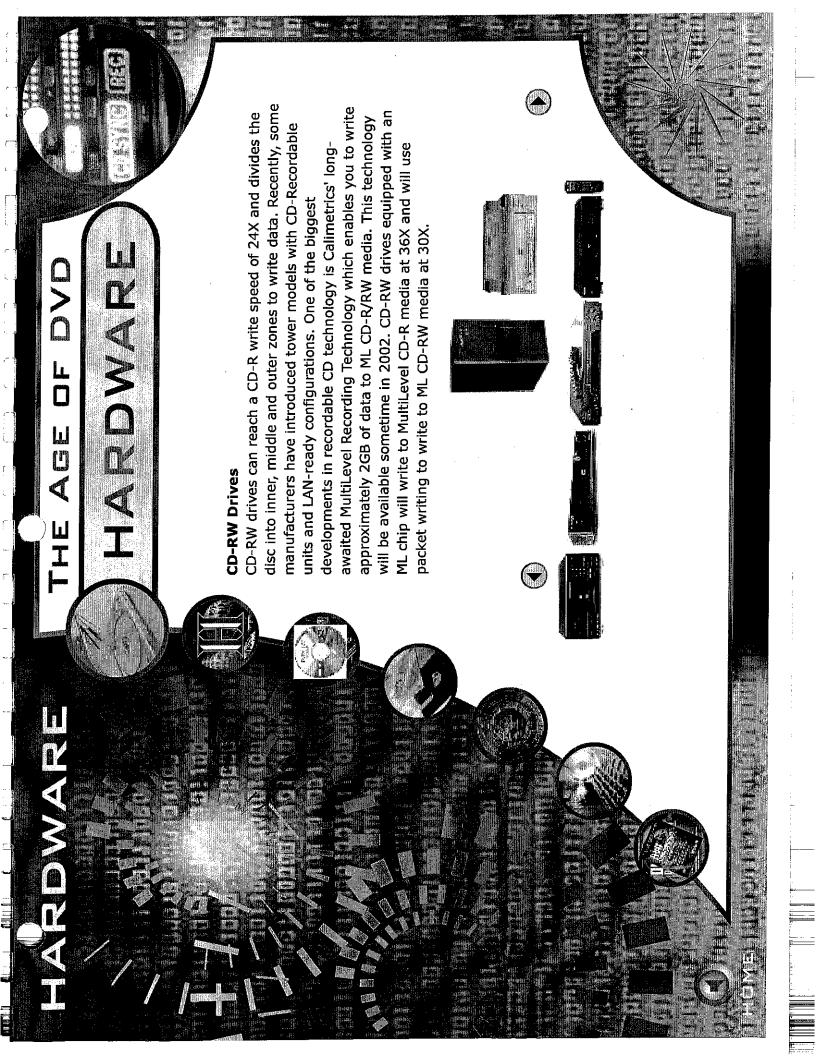


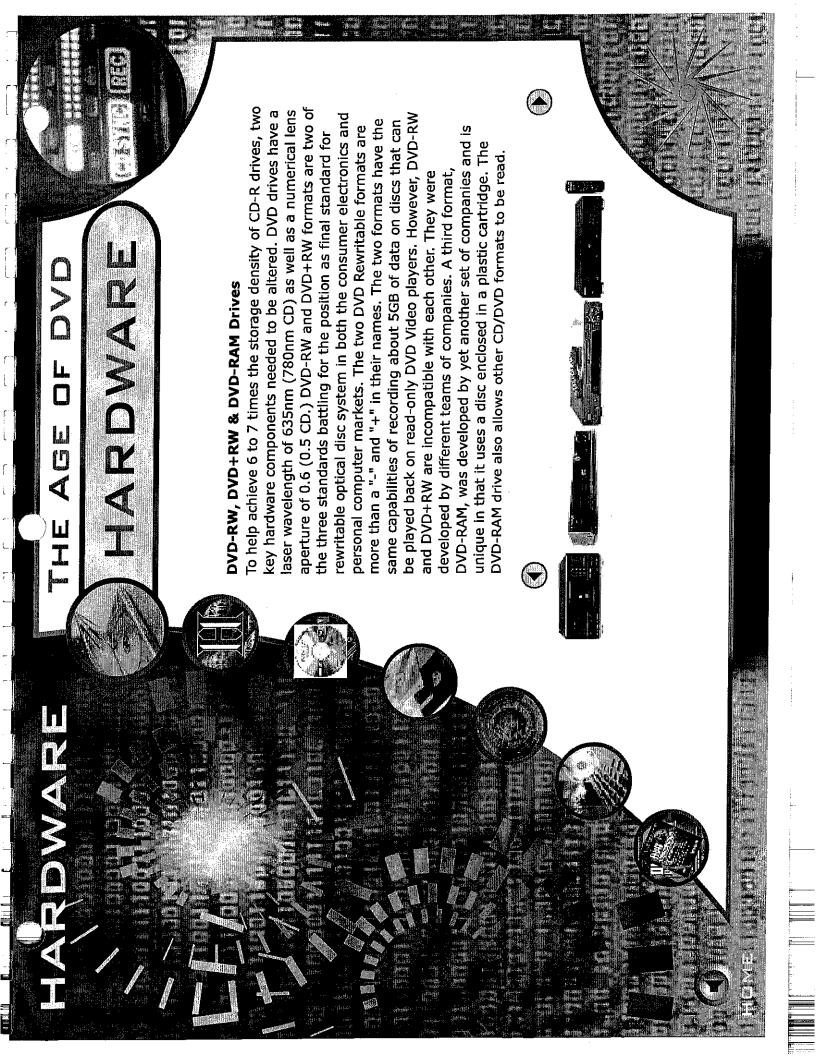


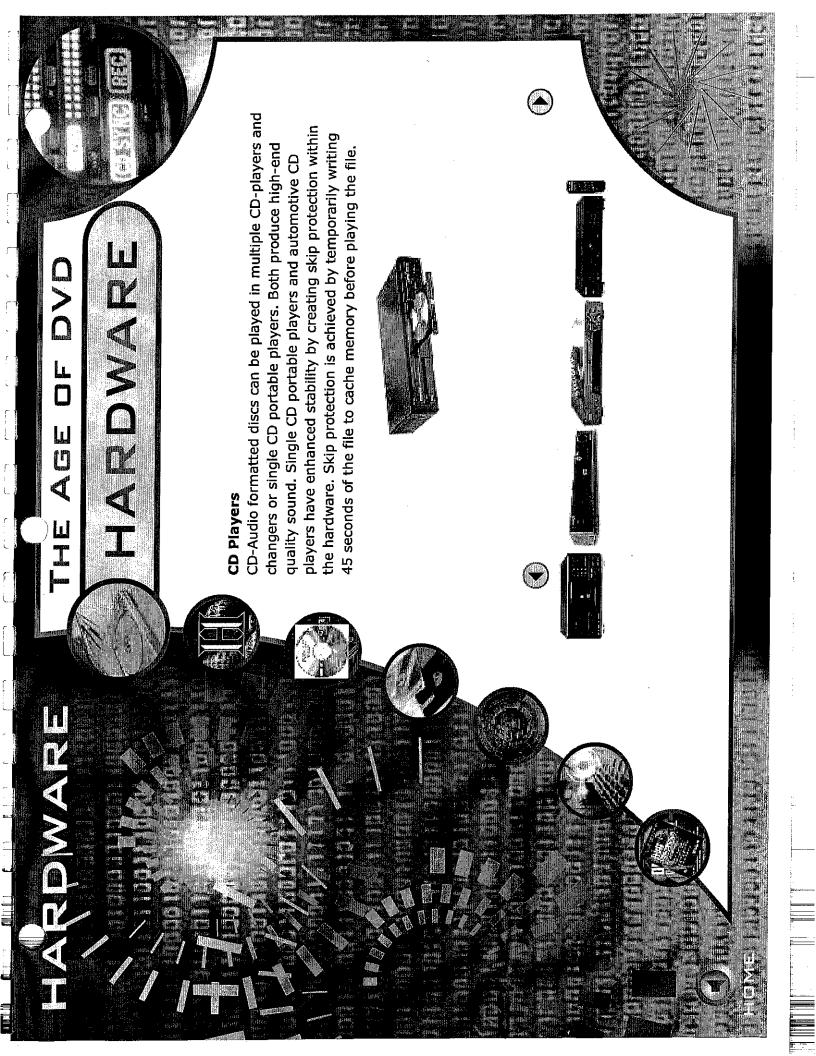


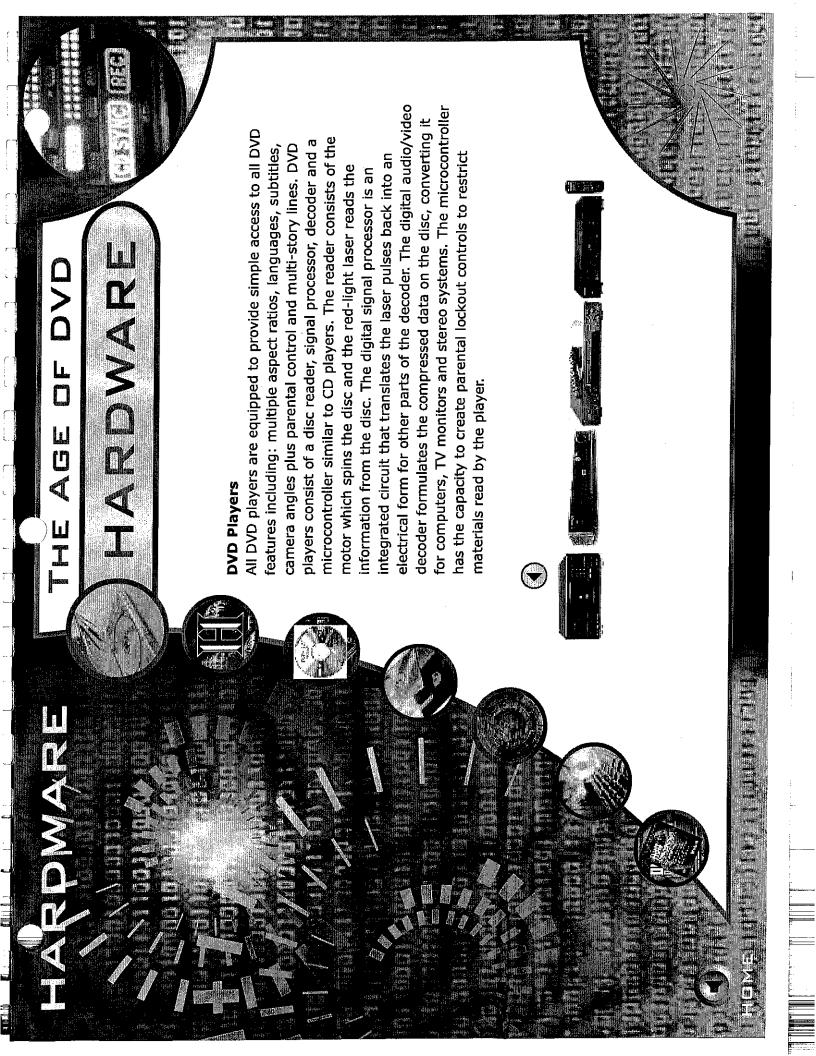


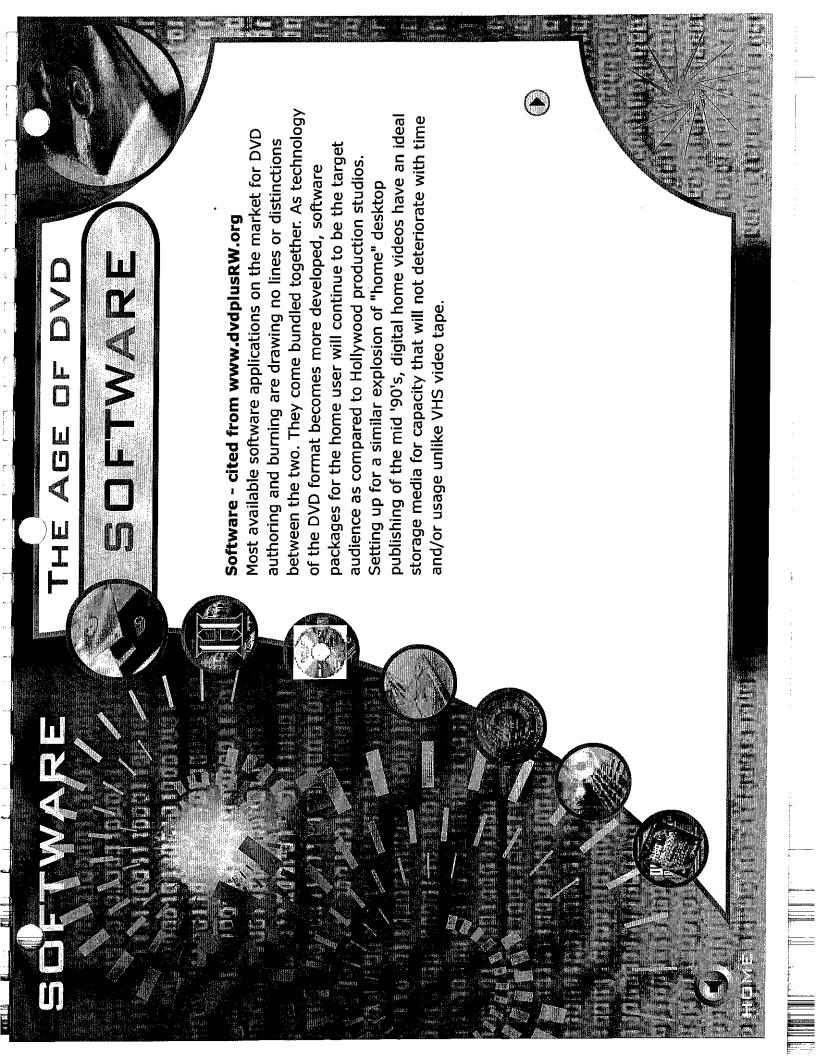


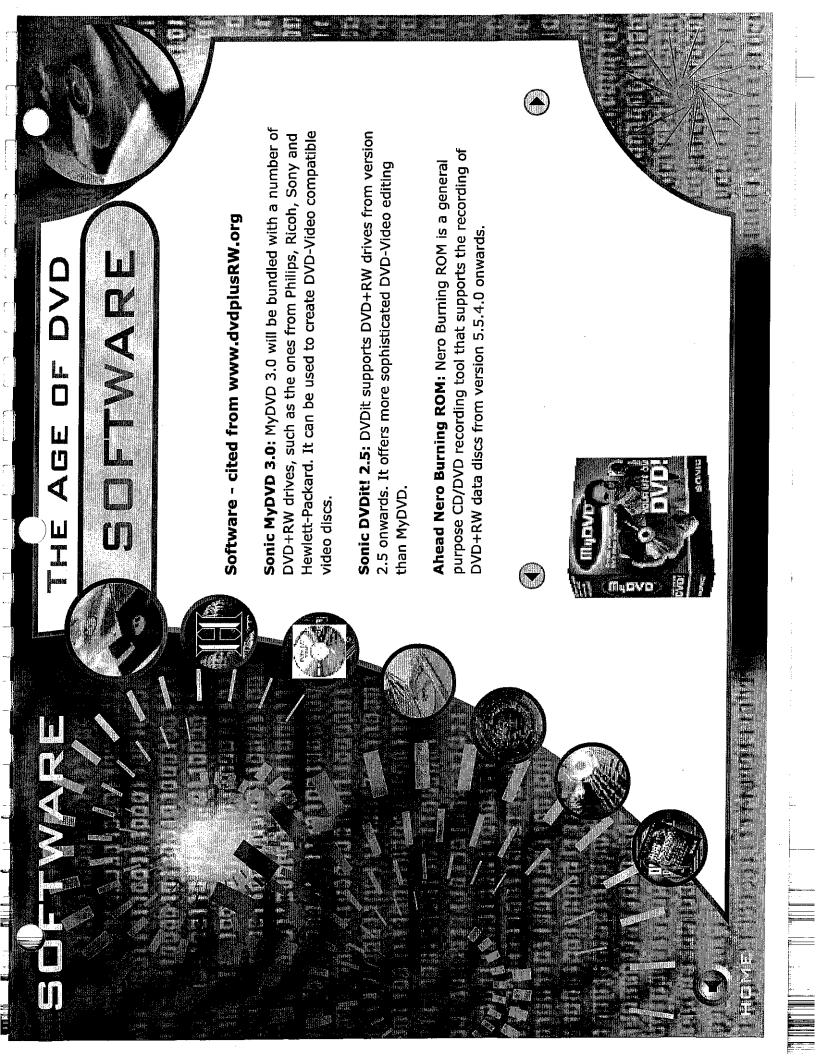


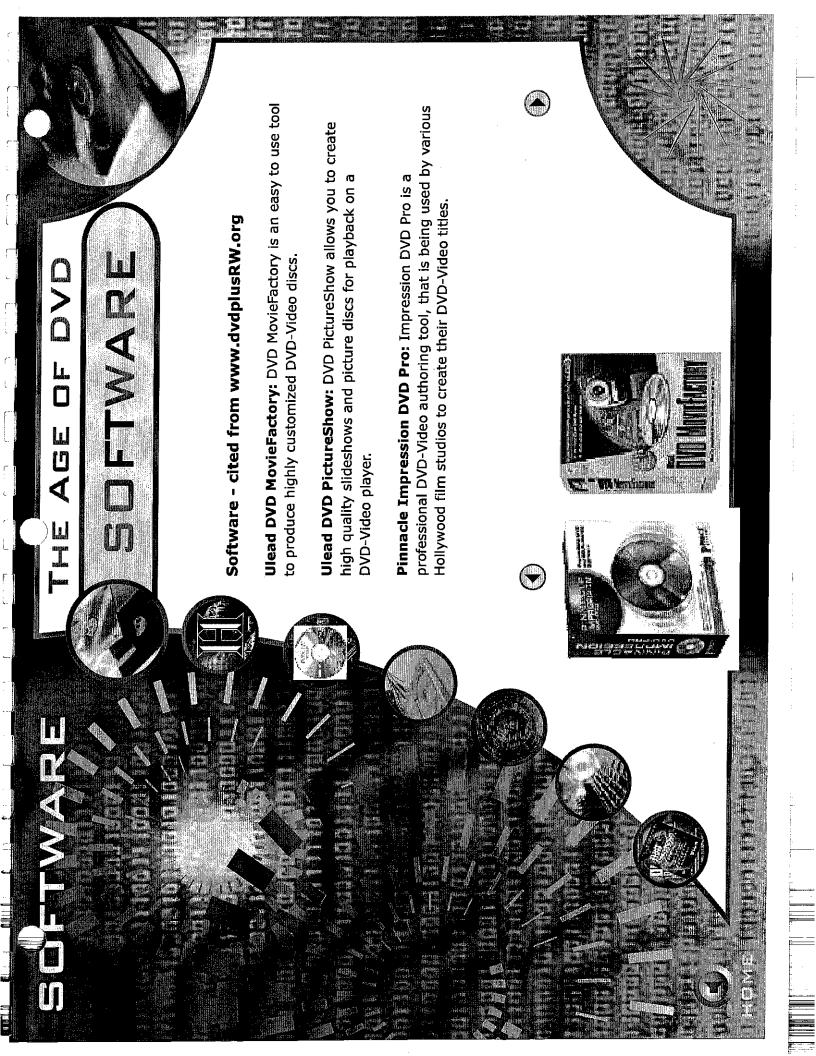


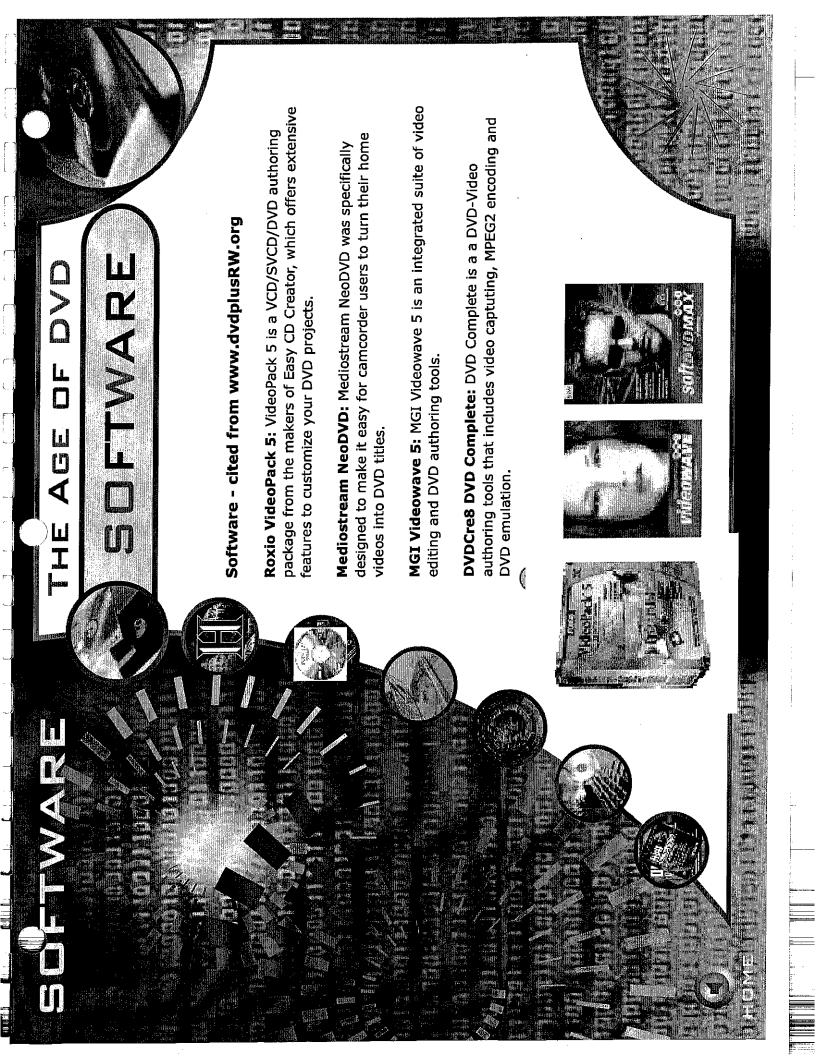


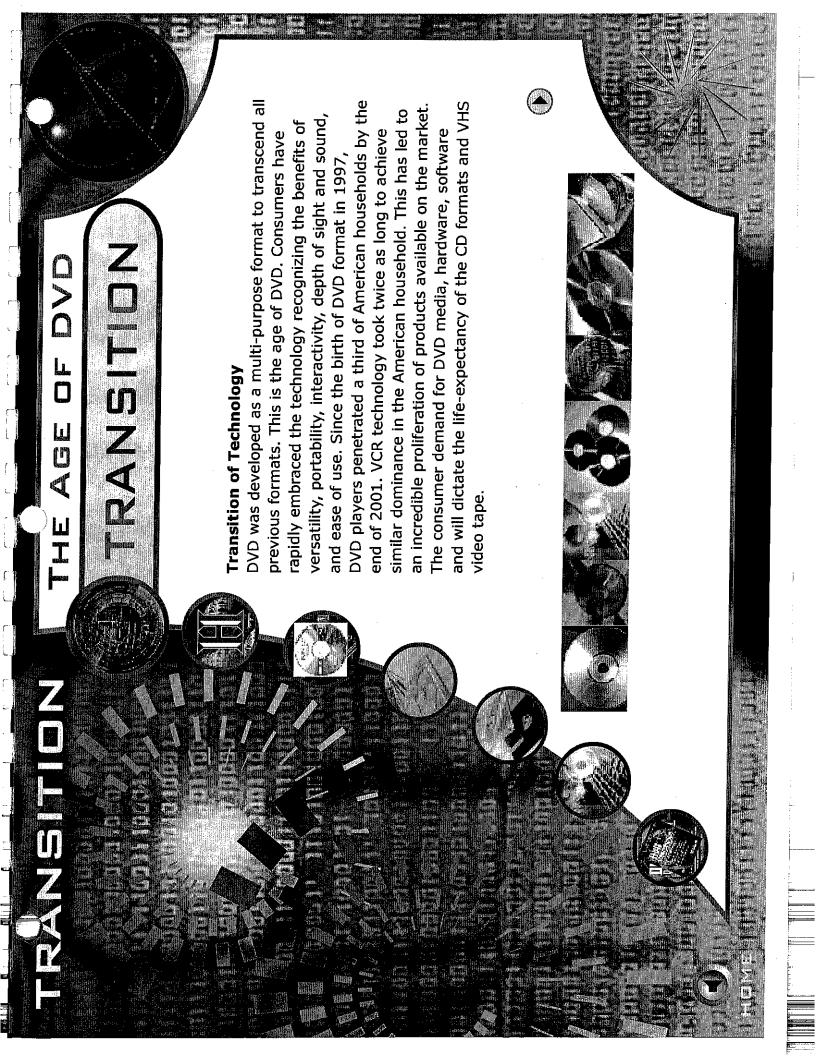


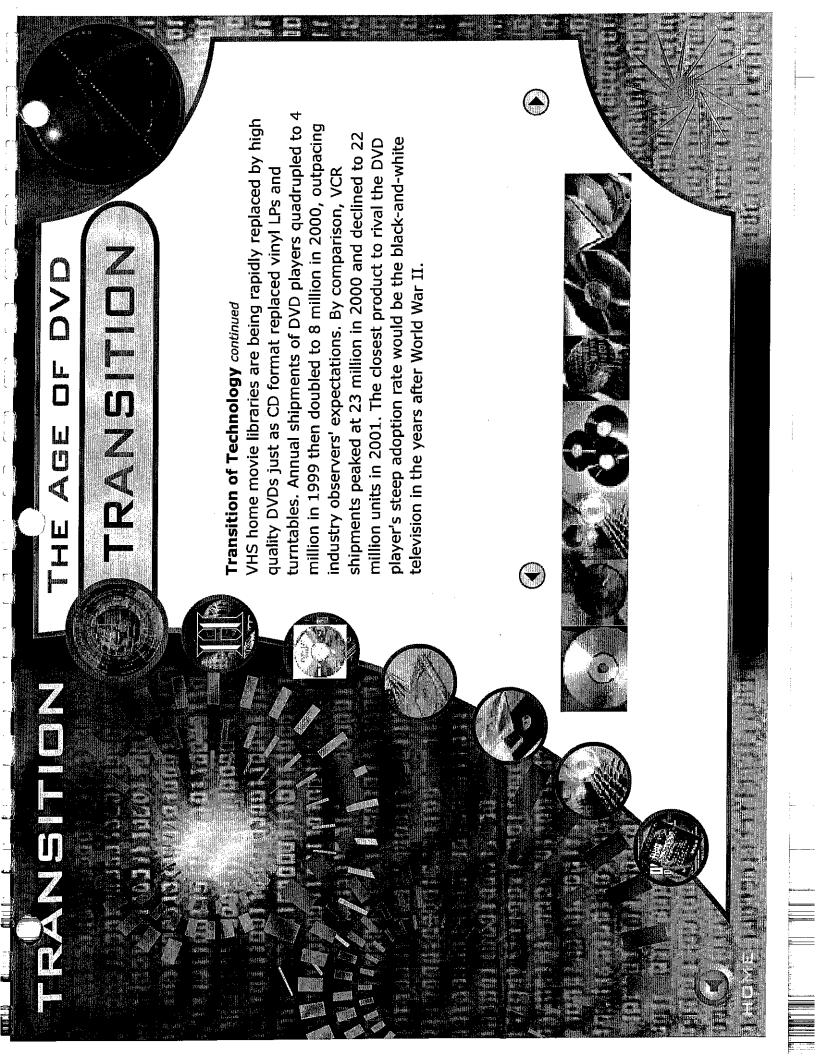


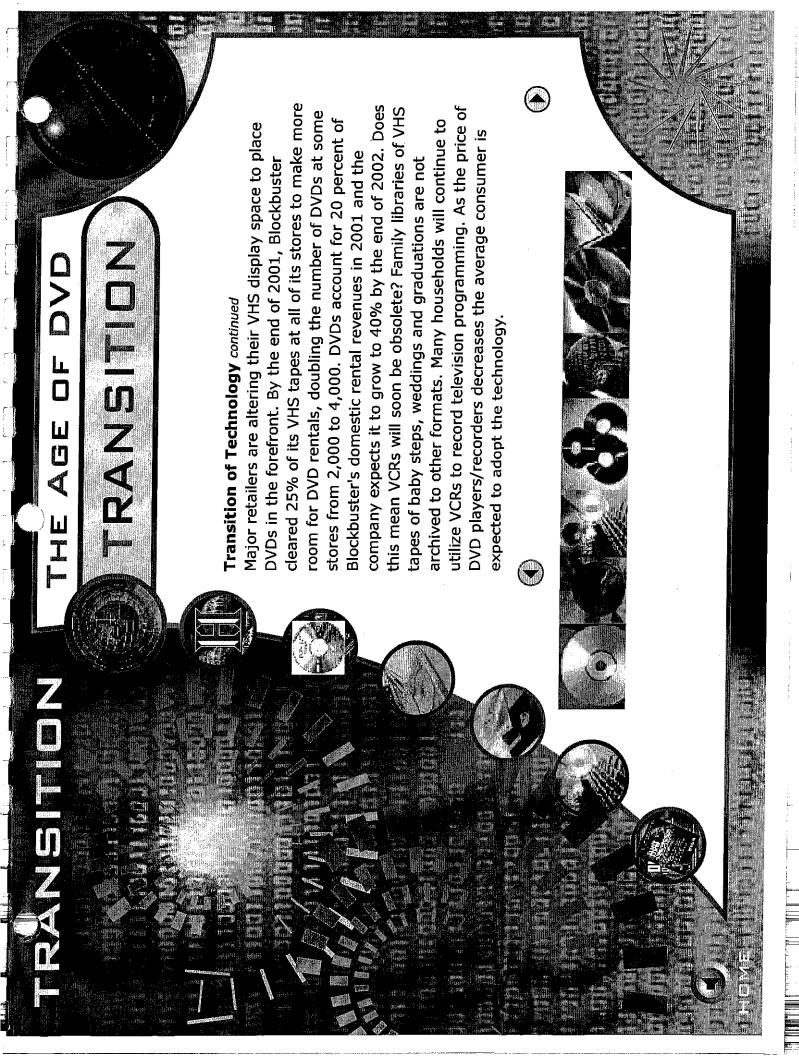


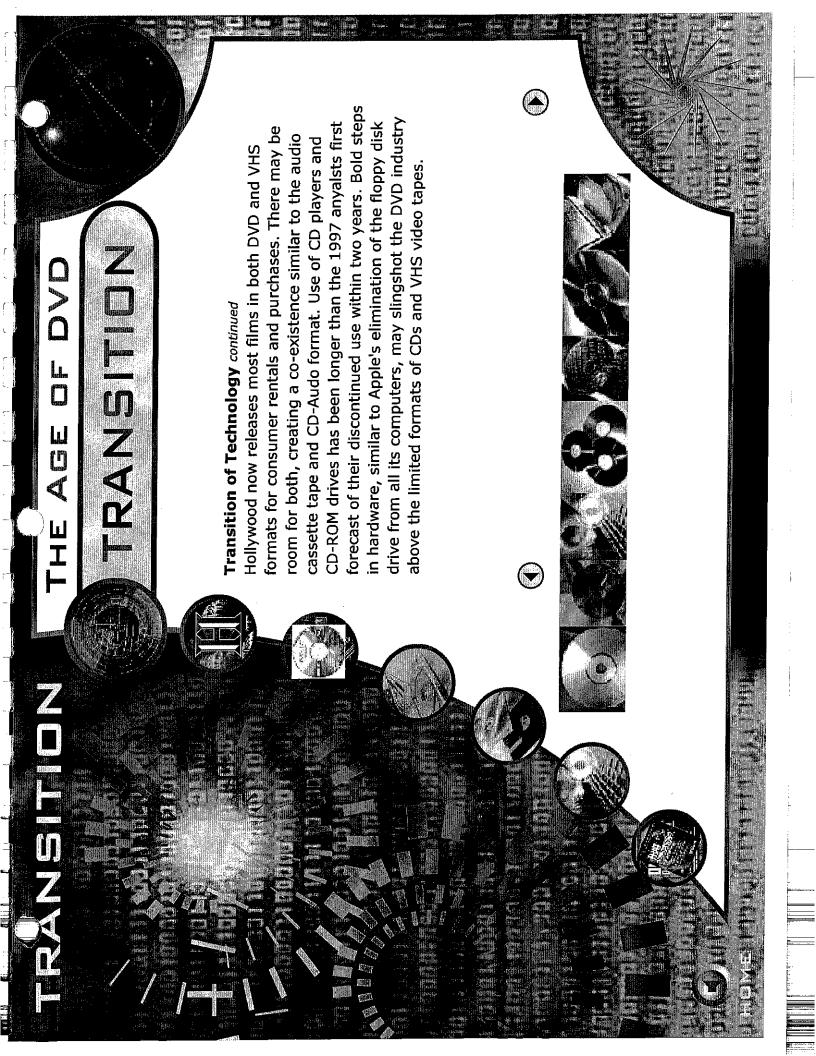


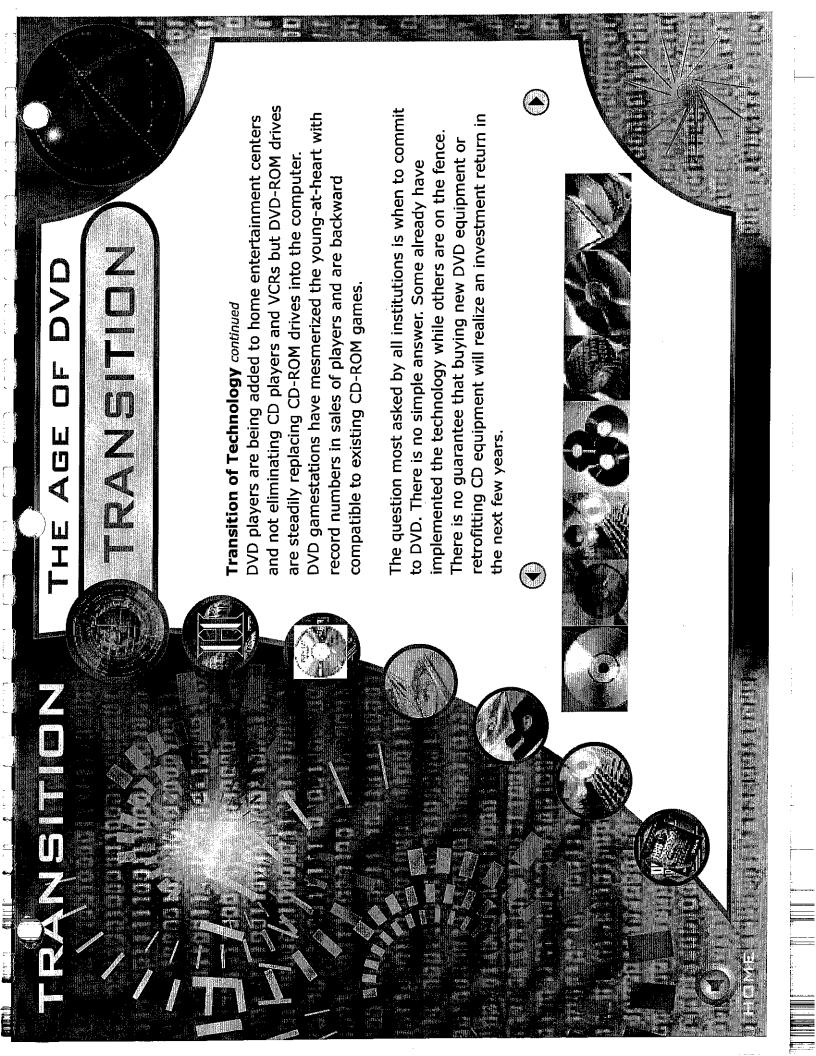


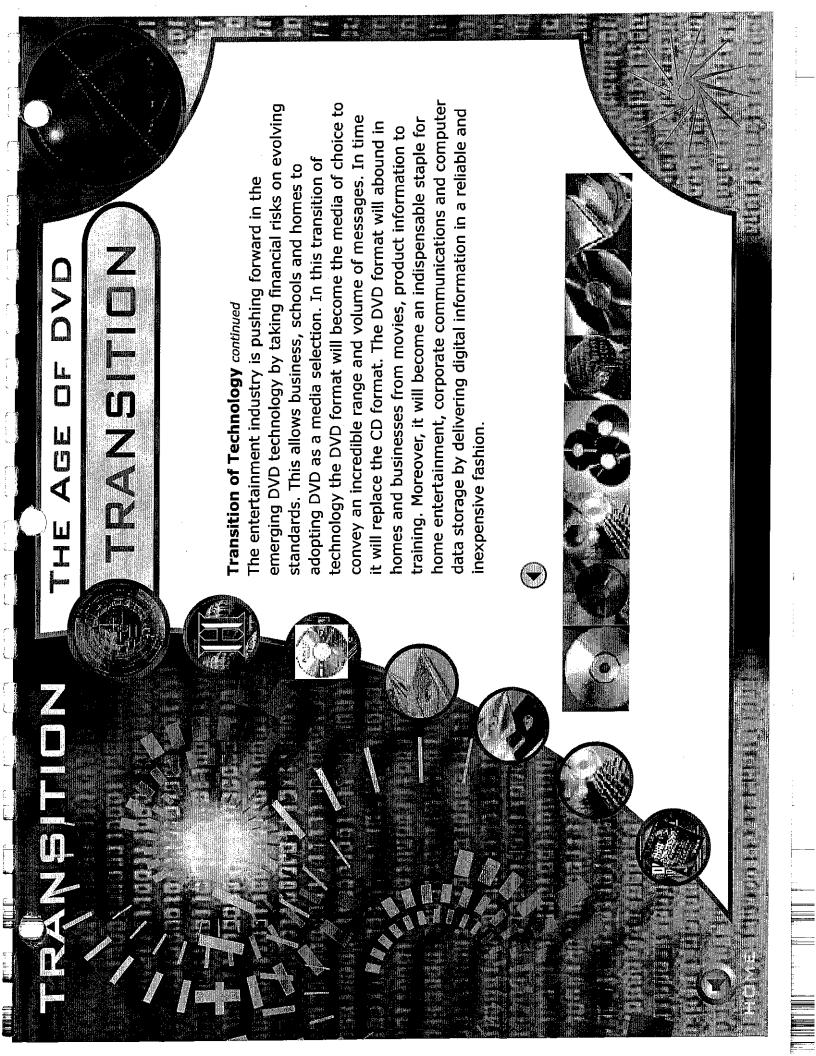


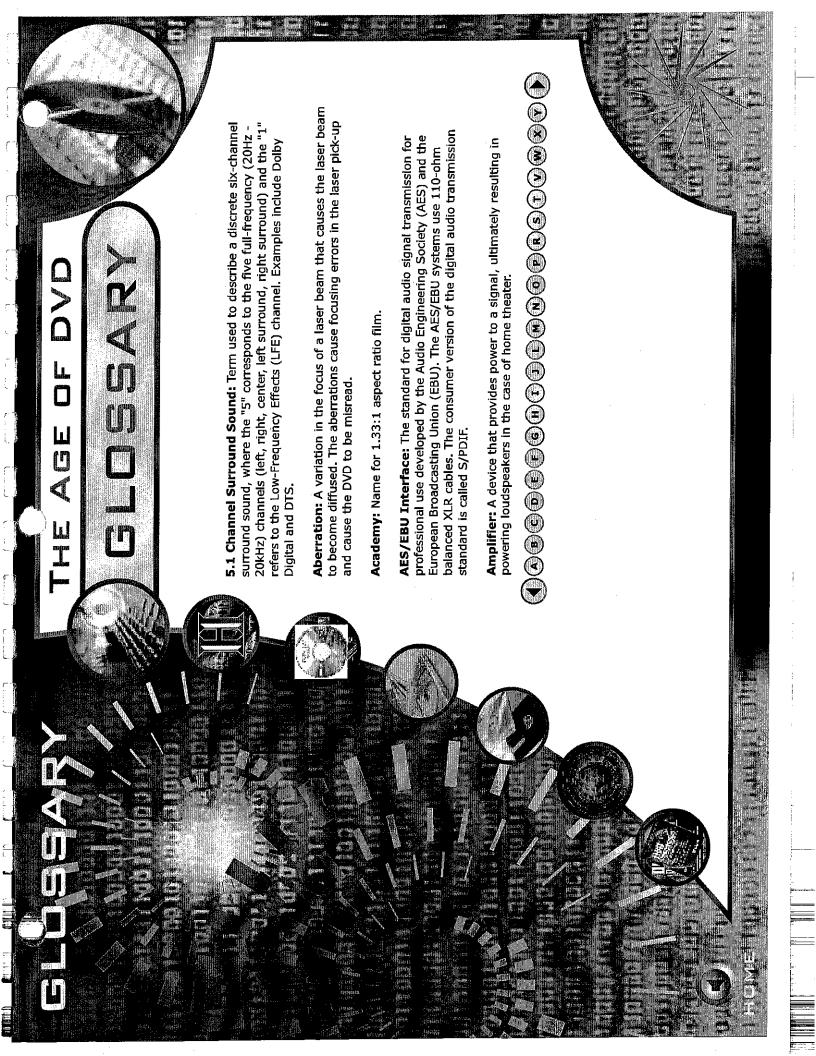


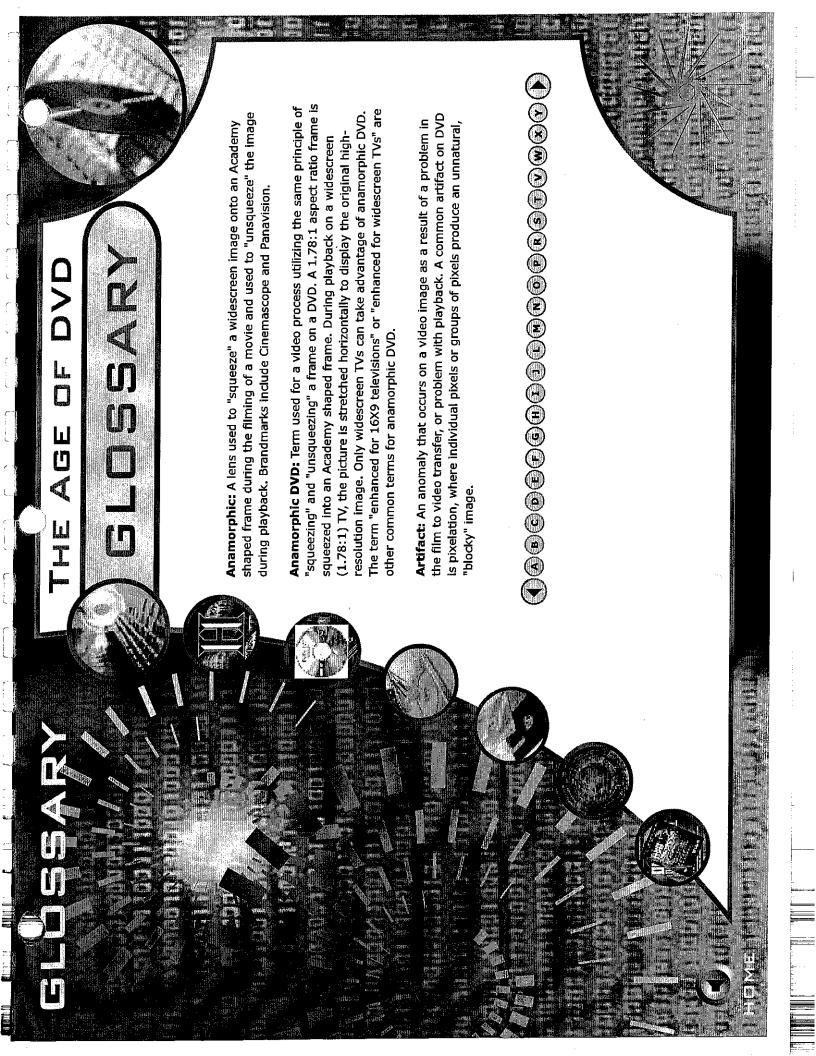


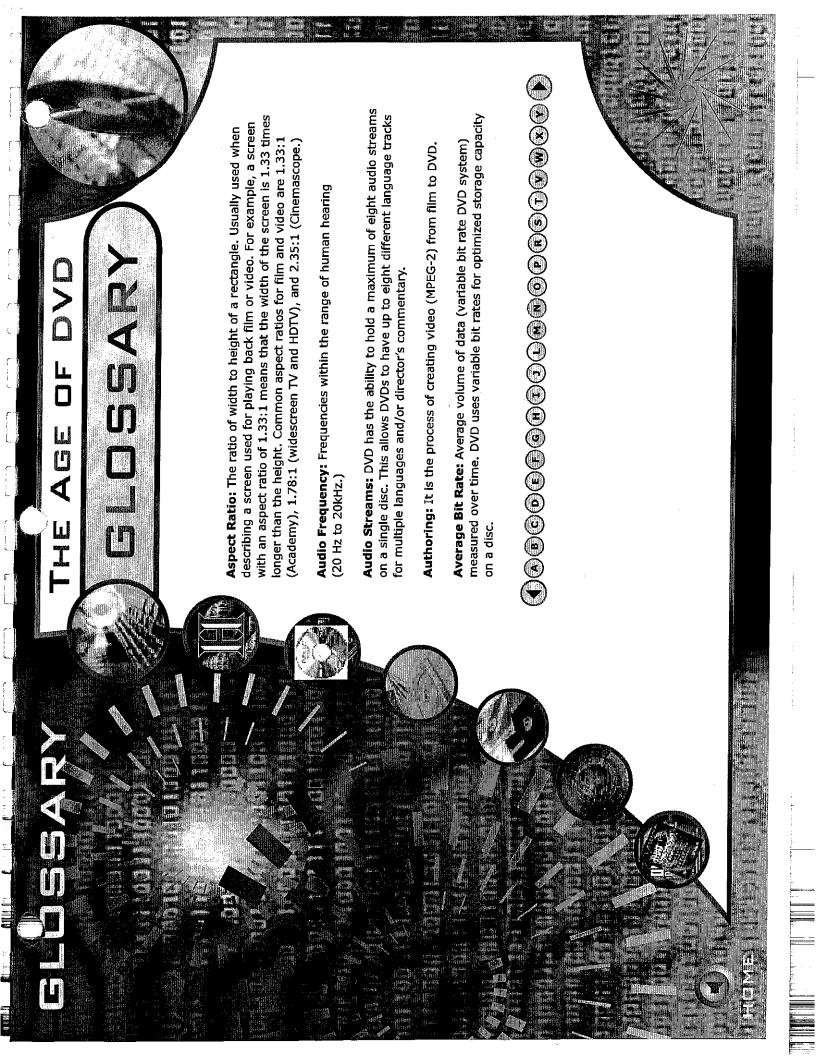


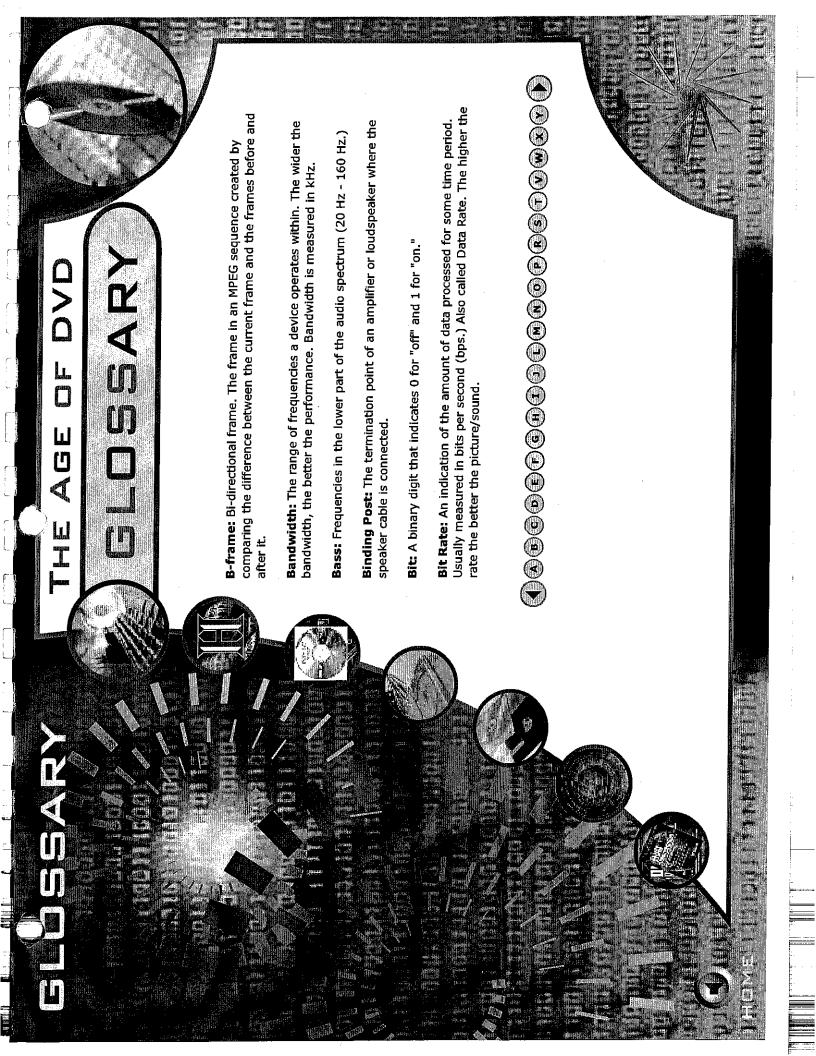


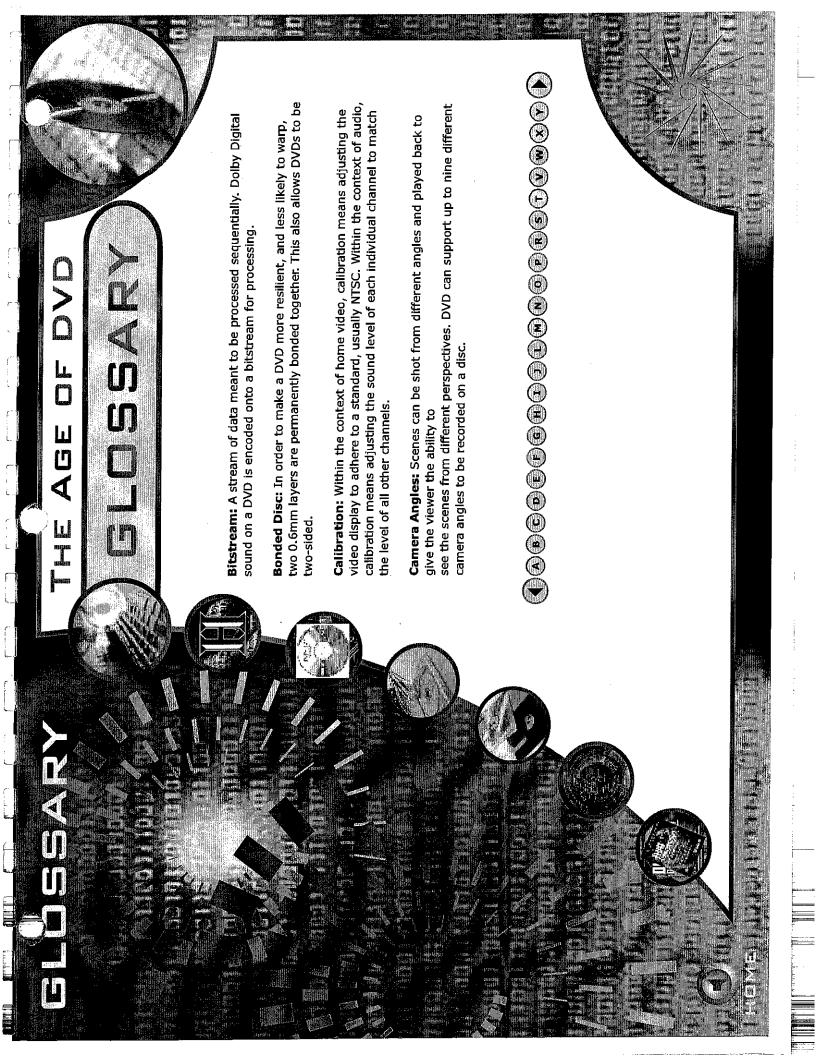


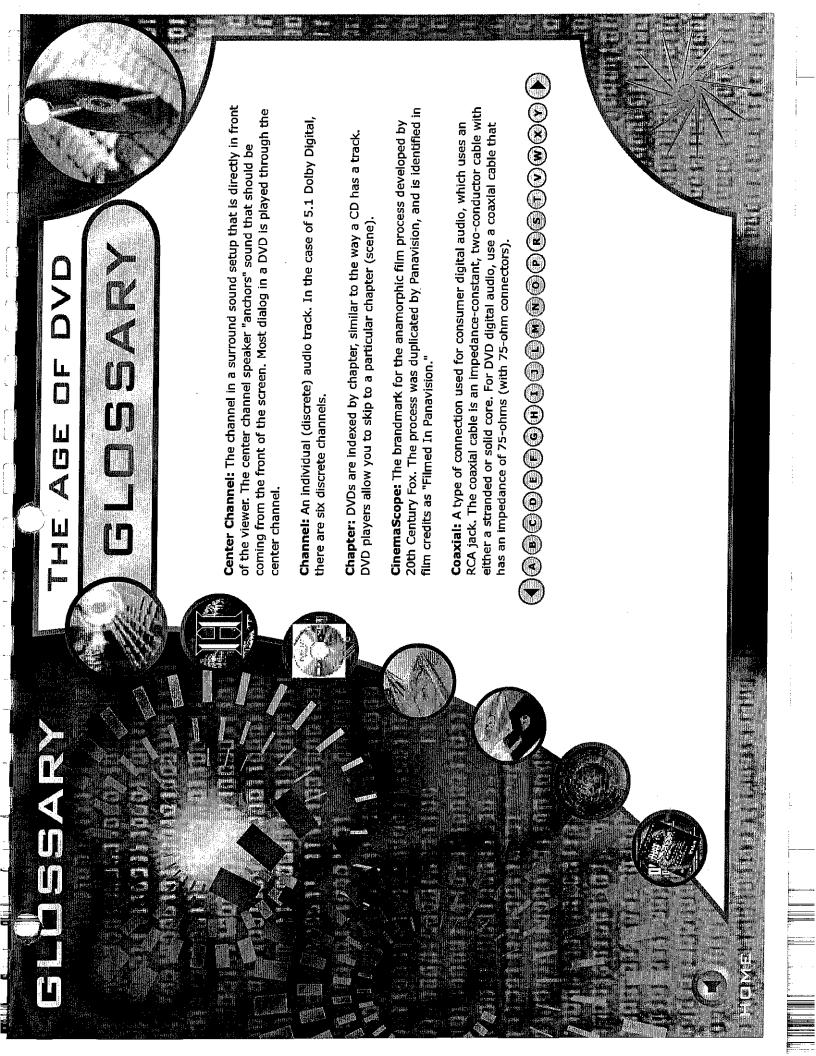


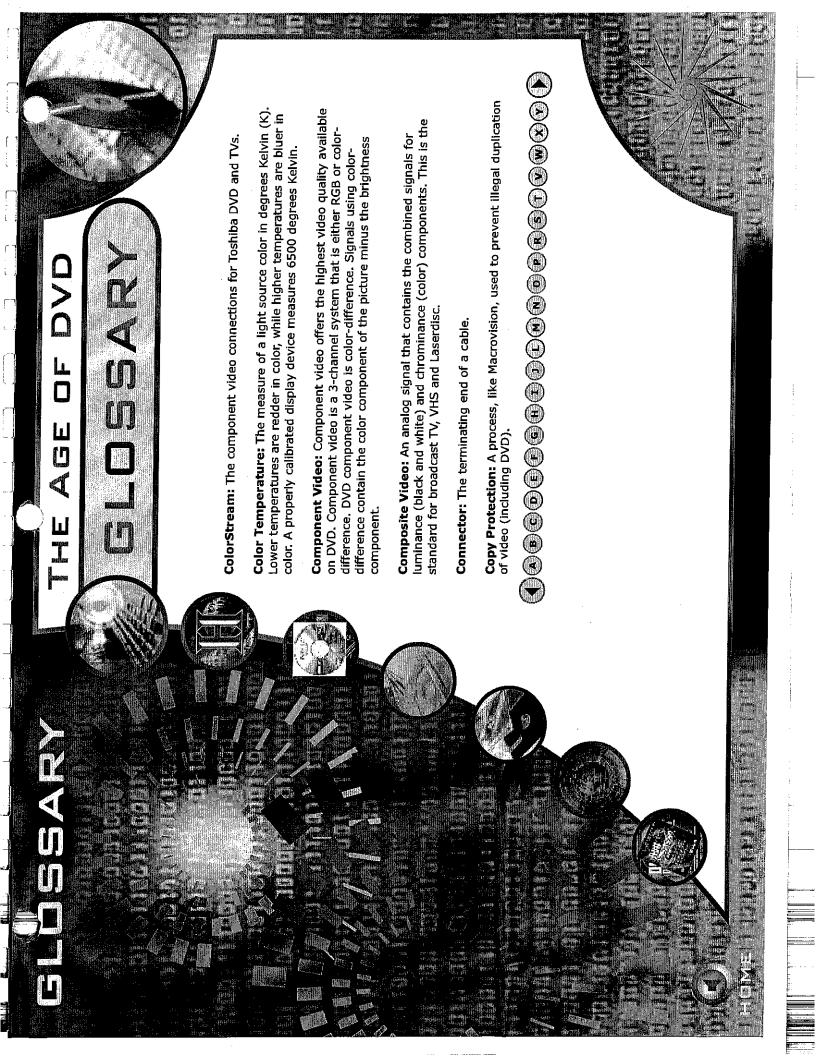


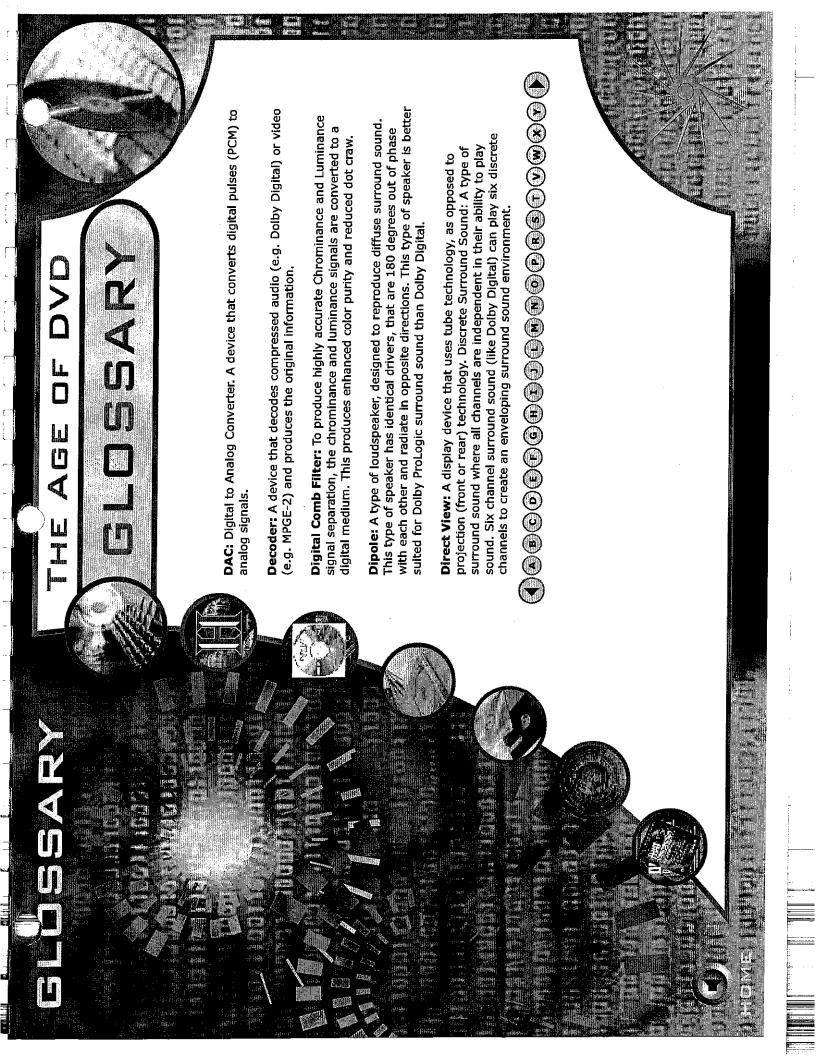


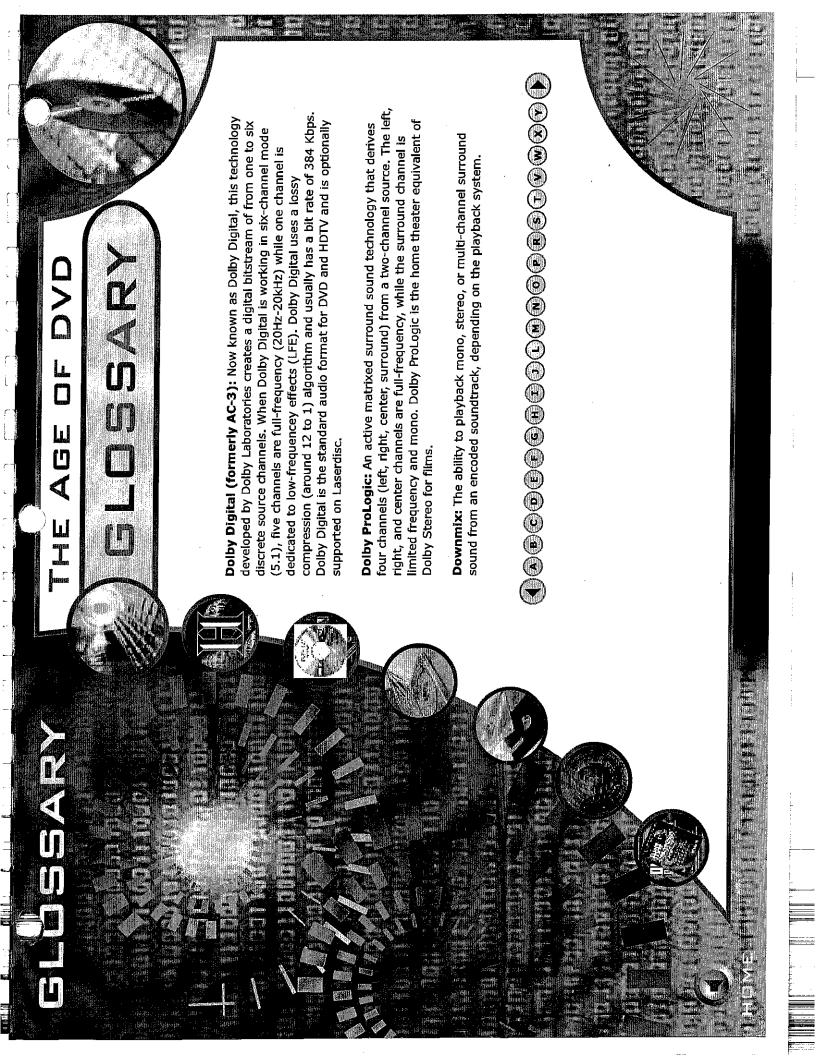


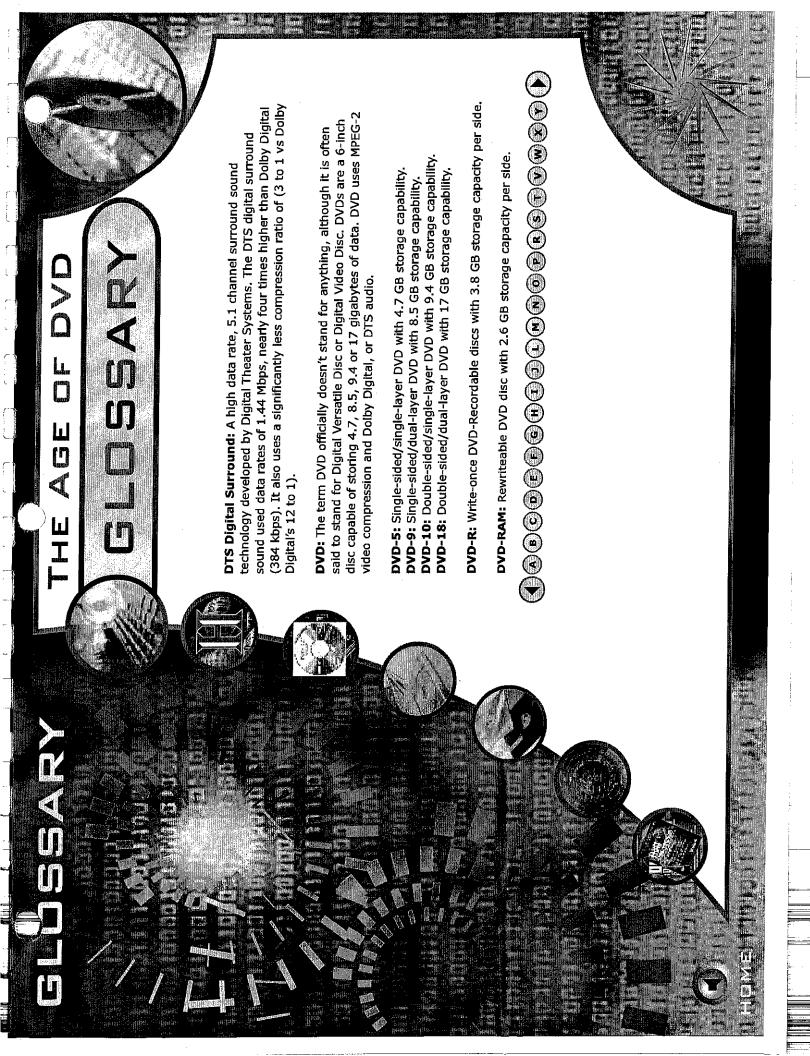


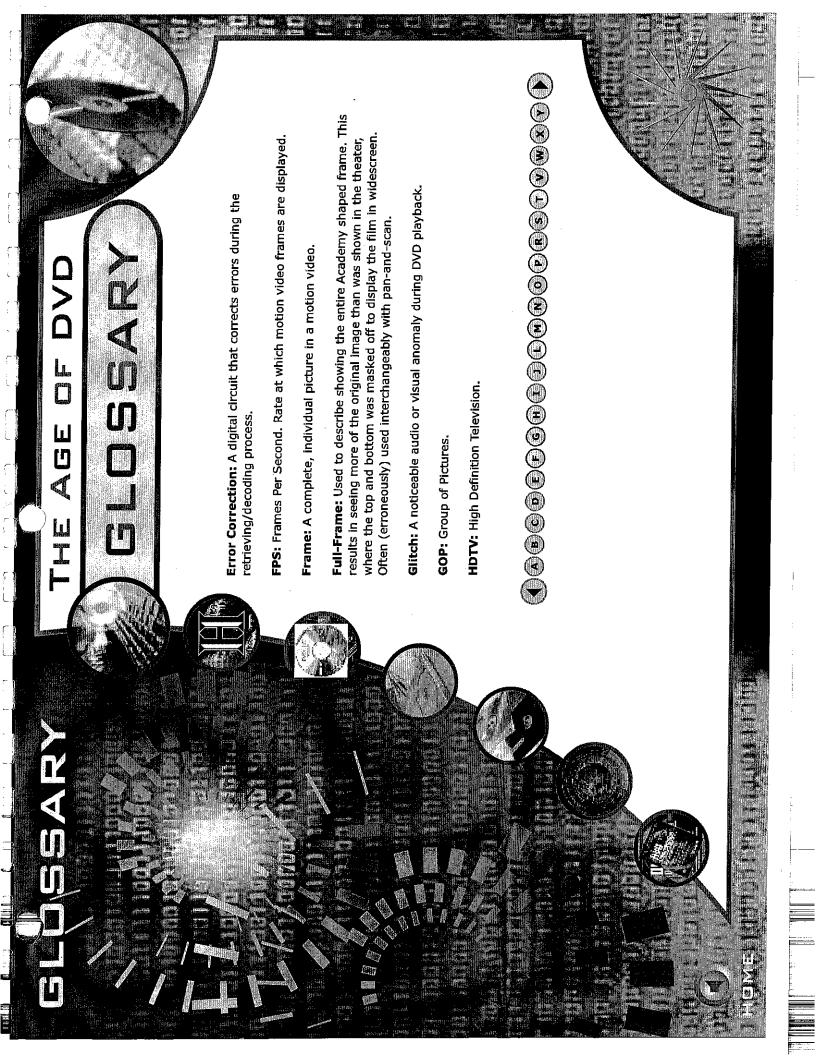


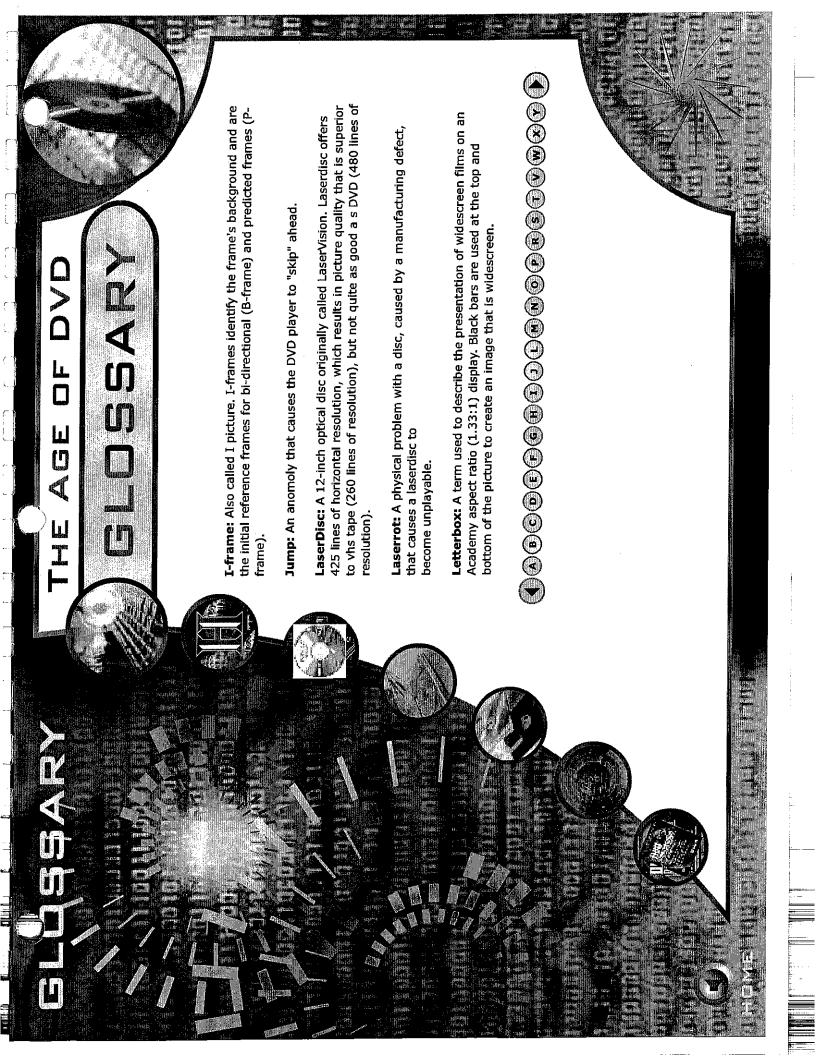


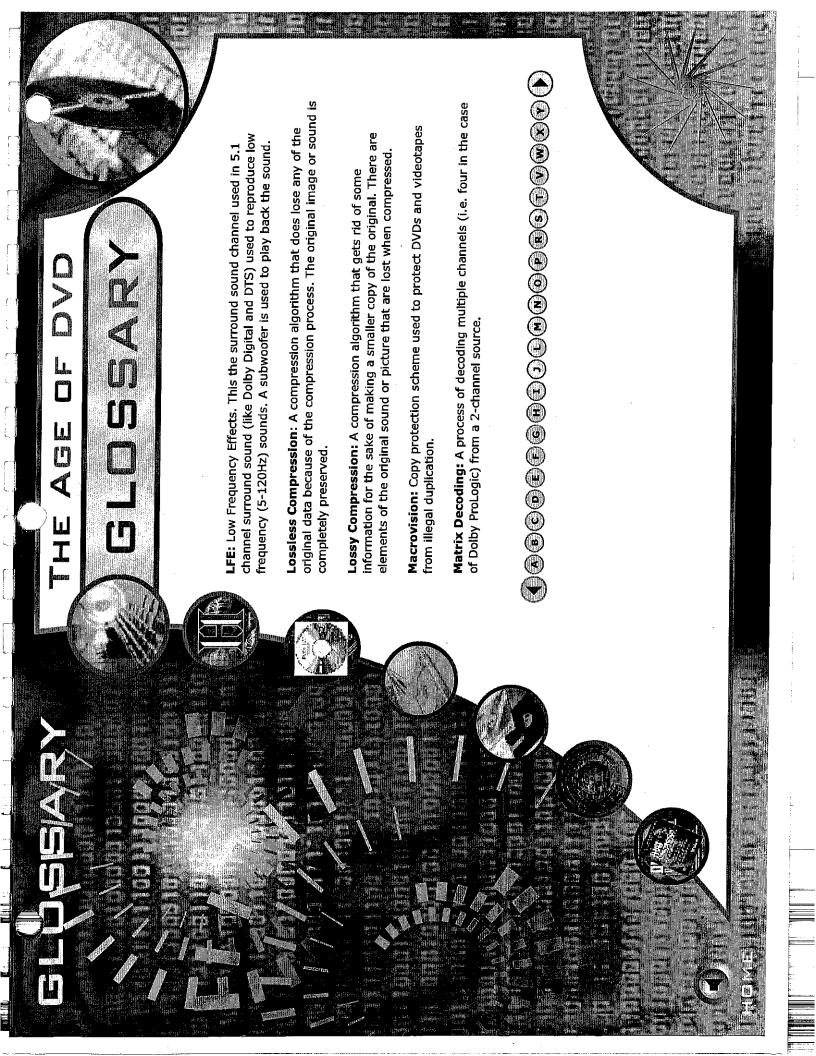


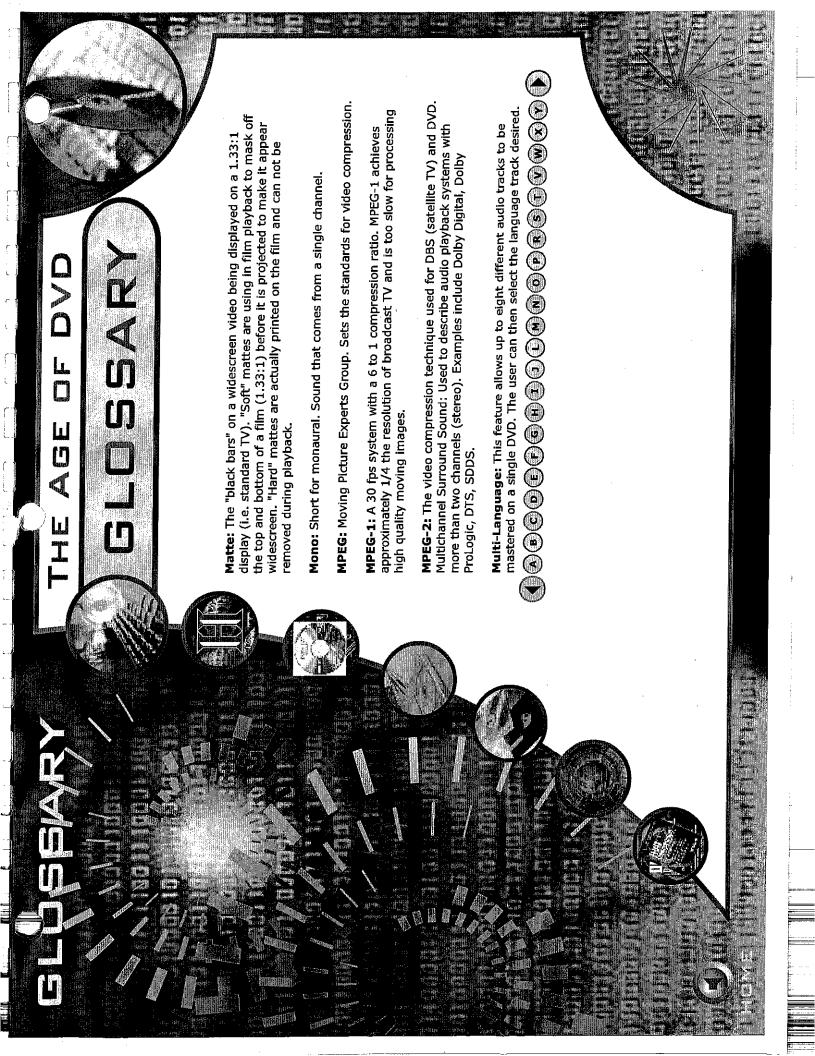


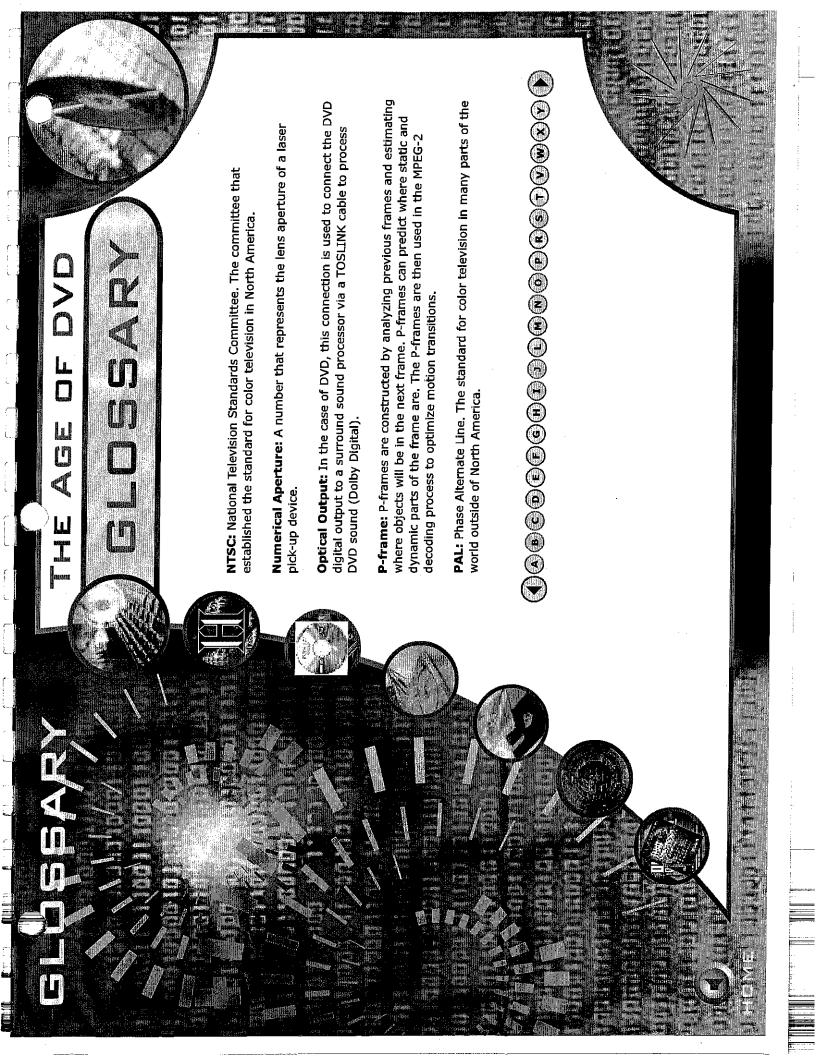


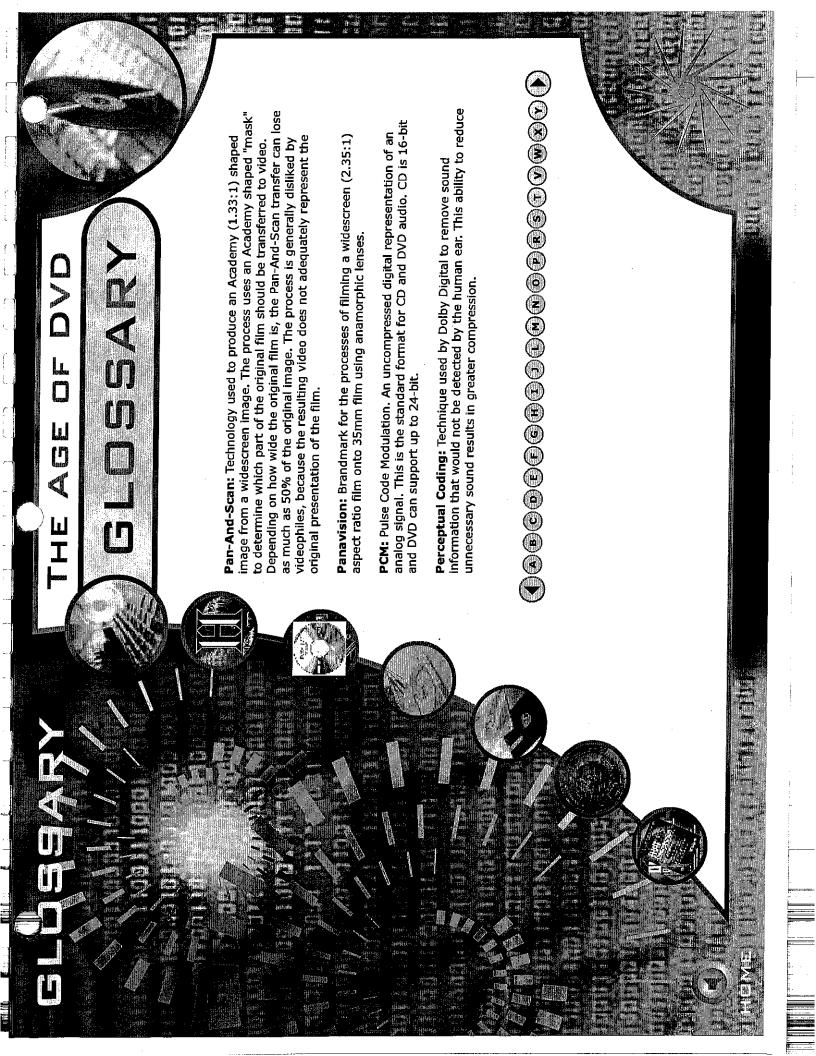


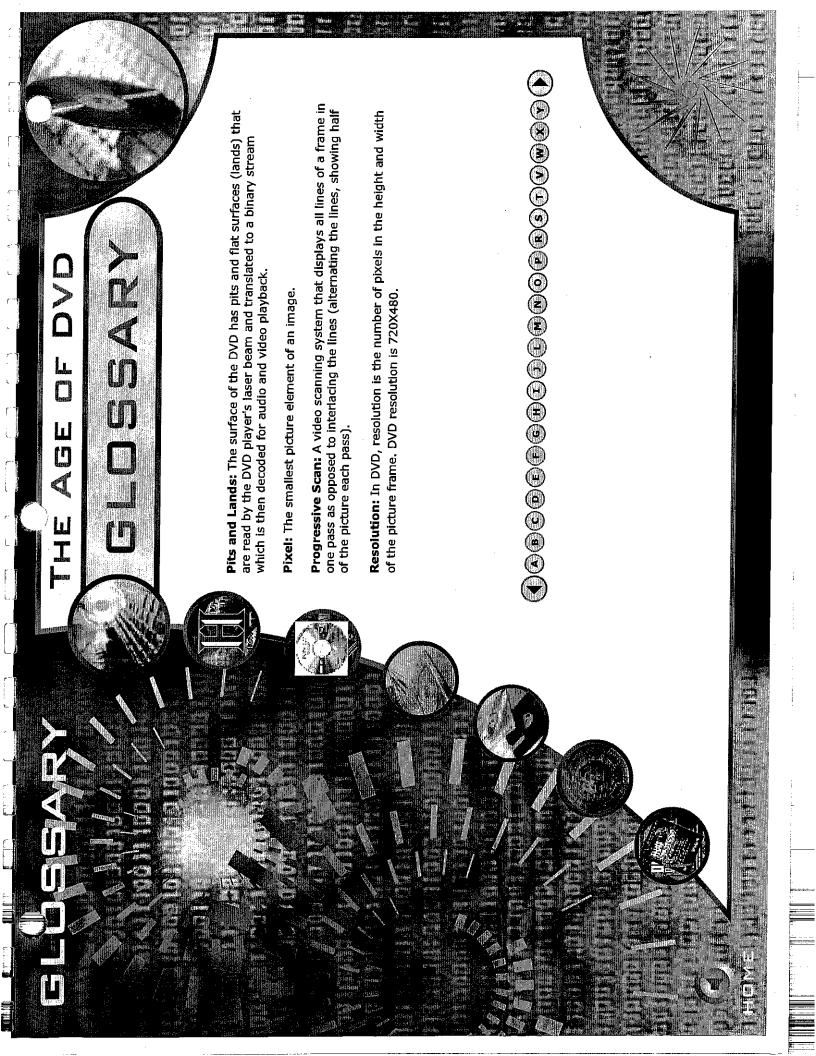


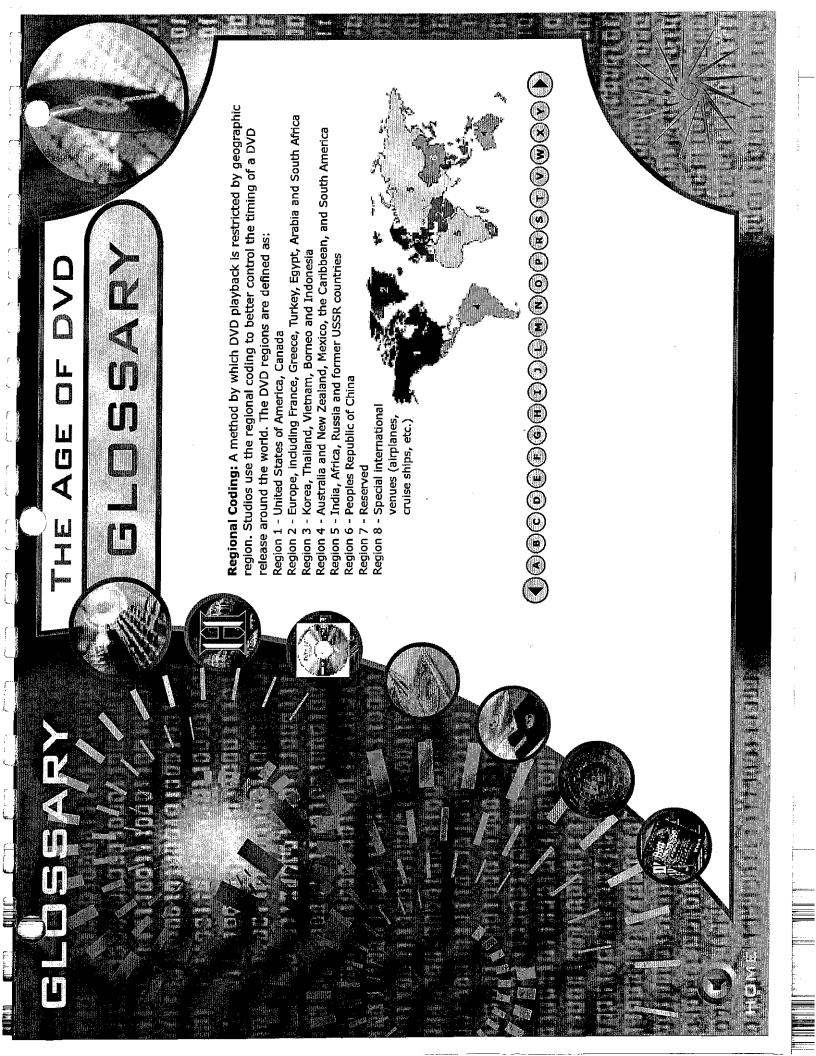


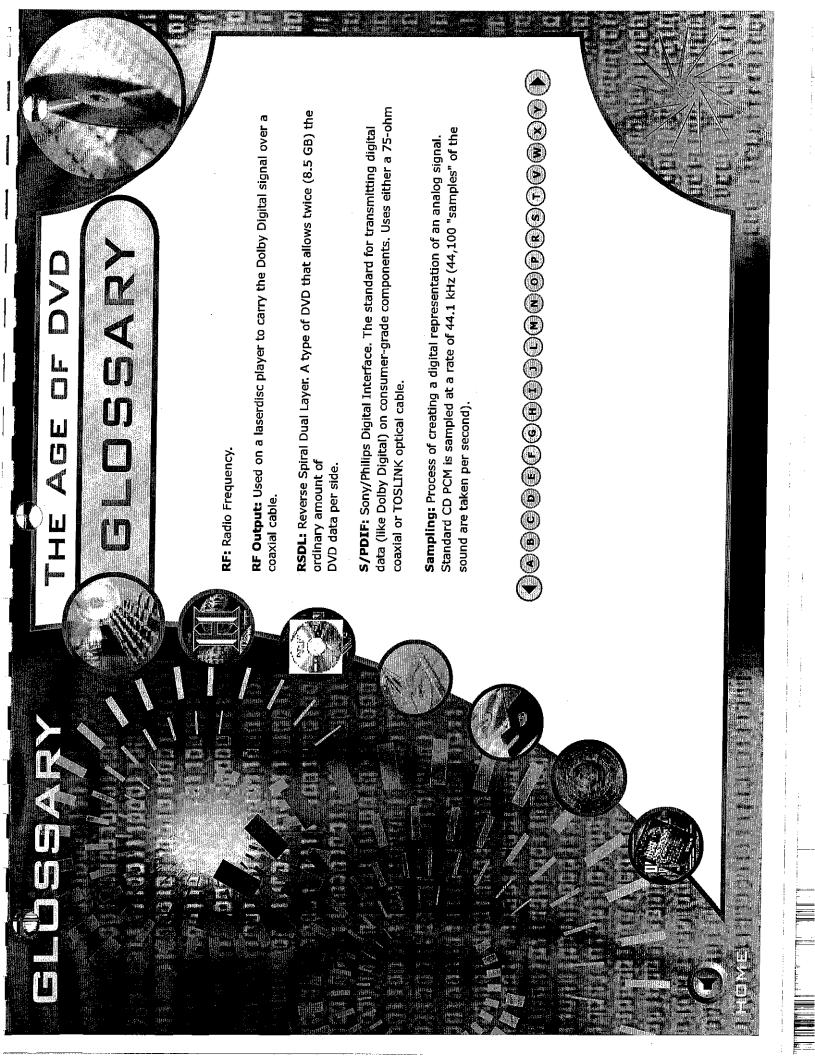


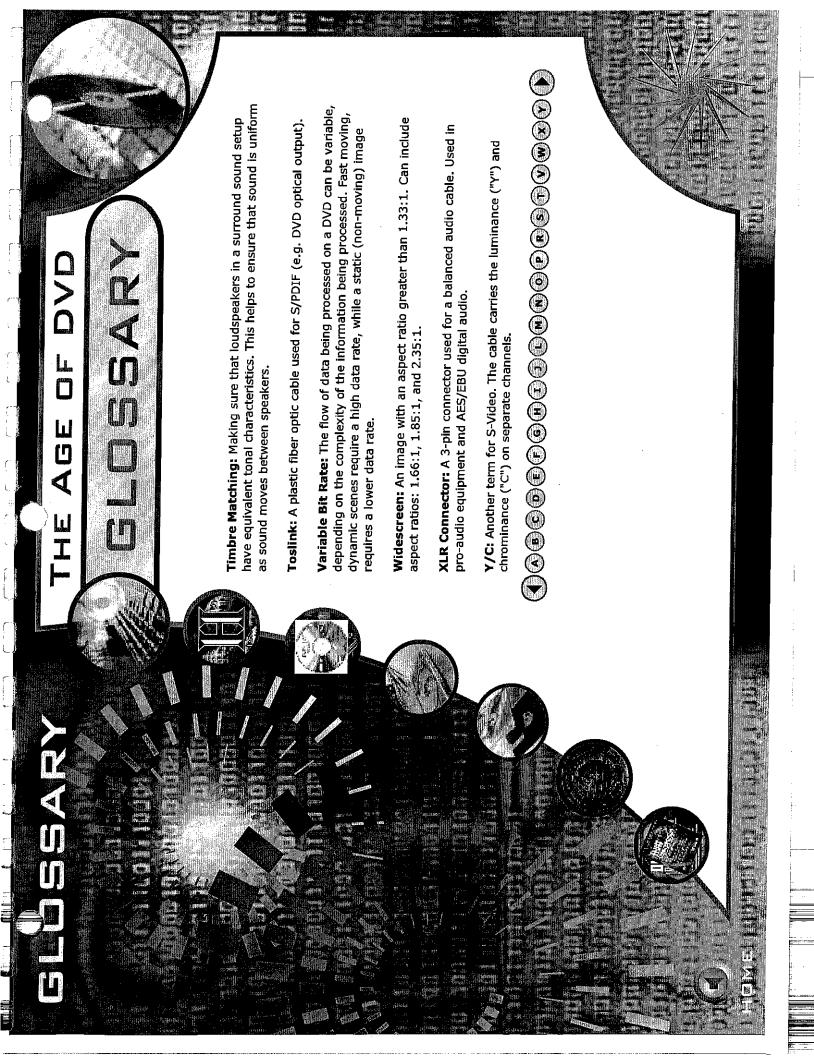


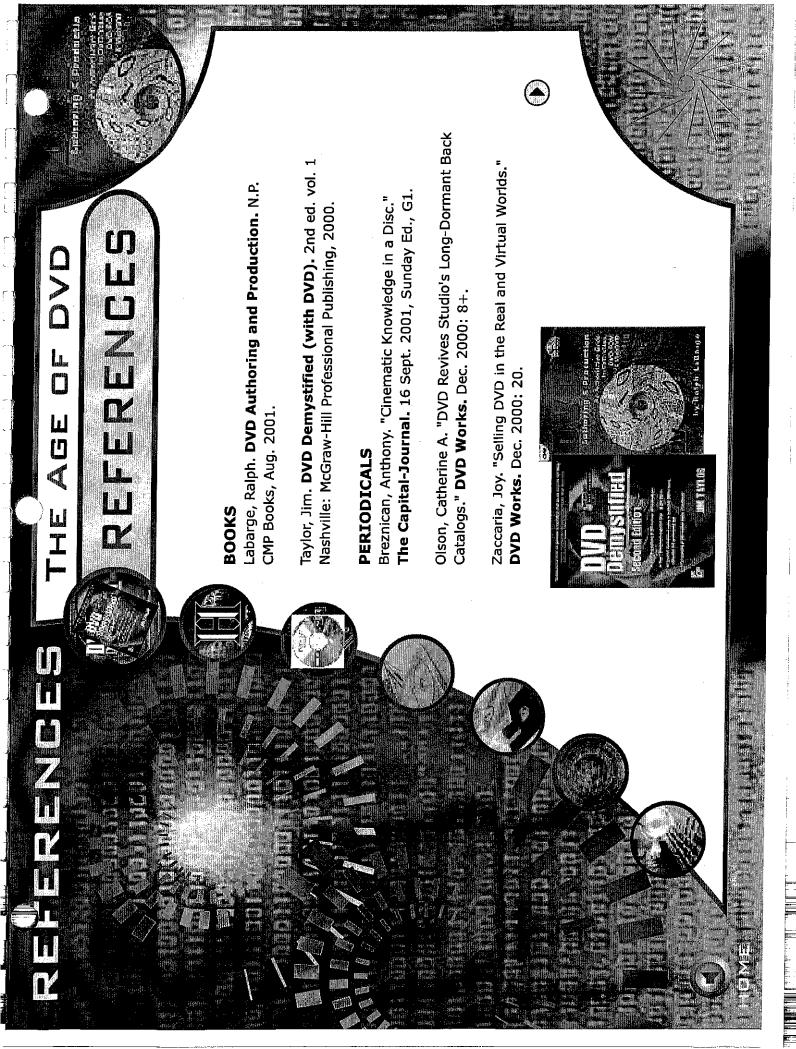


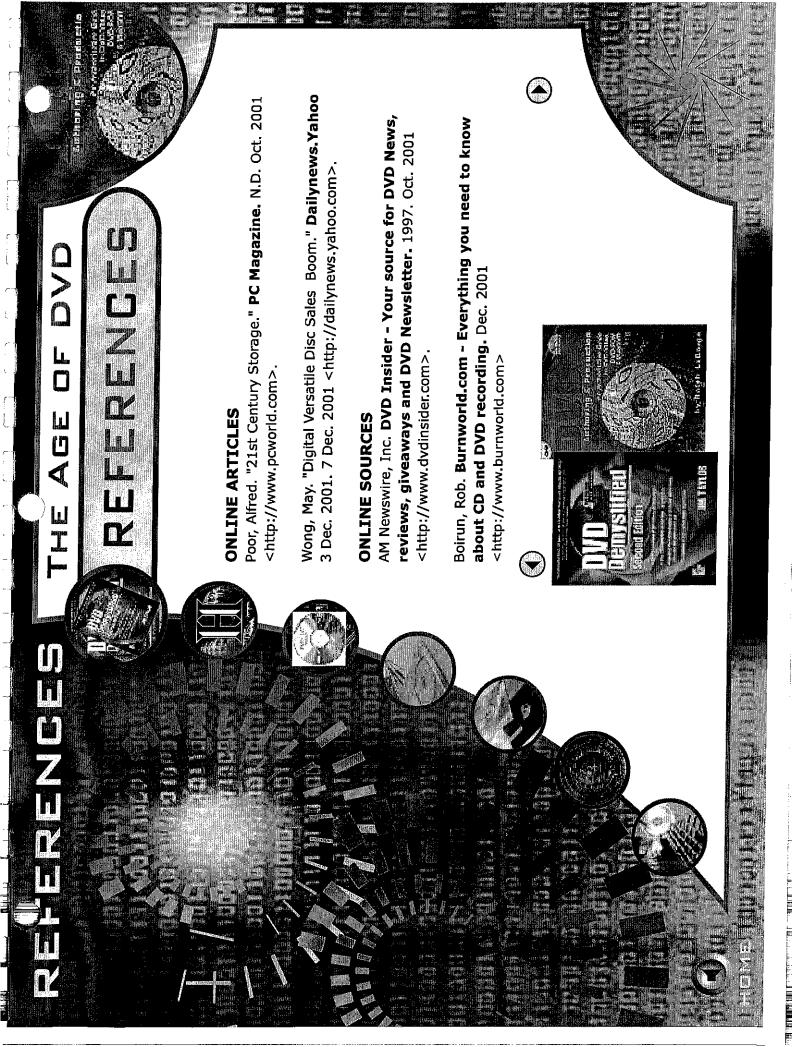














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