

## **1** ***INSECTS USING CHEMISTRY***

The insect is both a fascinating subject of study and a potential threat to our food supply. In this revealing program we enter the tiny, complex kingdom of the insect to learn how the chemicals in their bodies help them communicate and adapt to their world. And we discover how, while learning from the insect's remarkable abilities, we are also developing ways to control them. Running time: 12:44

## **2** ***GRAPHICS: SCIENCE'S HELPING HAND***

Computers have been transformed from simple data storage devices into powerful picture makers used in a variety of ways. From the dazzling special effects in television and film to a computerized screening of medical operations, computer generated graphics are changing, and sometimes even saving, our lives. This report explores the intriguing field of computer graphics and its application in the entertainment, science, medical and military fields. Running Time: 12:55

## **3** ***ECOLOGY: UNDERSTANDING THE GREENHOUSE EFFECT***

Carbon dioxide is released into the air through natural and man-made causes. If the carbon dioxide levels continue to increase at the current rate without relief, scientists predict climatic changes, an escalating threat which is called the "greenhouse effect". This program describes the "greenhouse effect", its causes and impact on global warming, and what we're doing to contain it. Running time: 11:52

## **4** ***STUDYING THE DOLPHIN***

Just how intelligent are these gentle marine mammals? Can they think like us? In this program we join marine scientists from Florida to Hawaii who are finding new answers about how dolphins live, learn, and communicate. It also explores the dolphin's unique sensitivity and connection with some disabled children. Running time: 15:11

## **5** ***PLASTICS PROBLEMS AND SOLUTIONS***

Plastics are everywhere - from the packages our food comes in to our cars and even inside our homes. Plastics make our lives easy and more convenient. But along with the many advantages plastics offer us, come some disadvantages. This informative program examines the chemistry and uses of plastics and the solutions we're finding for their disposal and recycling. Running time: 13:38.

## **6** ***EXPLORING OUR SOLAR SYSTEM***

In this edition we take a celestial journey with Voyagers 1 & 2 from Planet Earth to the outer fringes of our solar system. Viewers get inside Voyager cameras and instruments as they unveil fascinating new information about the four giant outer planets - from Jupiter's huge red spot to Neptune's complex atmosphere. Running time: 14:41

## **7/8** ***THE ABUNDANT BEETLES***

In this double issue, get close-up to the world's most abundant and successful form of insect life. Beetles account for about one-third of all the known forms of life on the planet. This program shows interesting aspects of beetle life, details the life cycles of the tiger and lady beetle, and explores the harmful and beneficial affects of these insects. Running time: 25:20