

In March of 1985, an interdisciplinary congress was held at the Aula Magna of the University of Rome "La Sapienza," devoted to the Dutch artist Maurits Cornelis Escher. The congress was divided into sections, and this volume of the proceedings, *M. C. Escher: Art and Science*, follows the same pattern. In each section, papers from invited speakers and short communications are presented. More than 300 people from many countries took part in the congress, confirming that Escher's works still create a wide interest. The participants included mathematicians, physicists, crystallographers, chemists, biologists, psychologists, psychiatrists, art historians and experts in computer graphics and visual communications. The lively discussions that followed the presentation of each paper confirm that Escher's works are not only good examples of the visualization of scientific problems but also stimulate real scientific research. The volume is profusely illustrated in black and white and color.

- from the introduction

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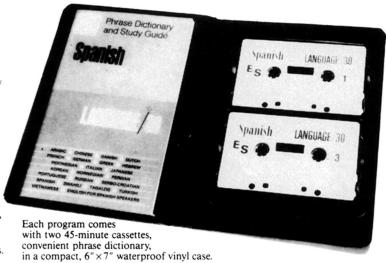
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Cultural Literacy

What Every American Needs to Know

E.D. Hirsch Jr.

Hirsch shows that cultural literacy — the grasp of background information that writers and speakers assume their readers and listeners already have — is the hidden key to effective education in America. The high school student who thinks that Leningrad is a city in Jamaica or that the Alamo is an epic poem attributed to Homer cannot really

From the appendix "What Literate Americans Know"

catch as catch can
Catcher in the Rye, The (title subjunctive sublimation (chemistry) sublimation (psychology) subordination (grammar) swing (music)
Swing Low, Sweet Chariot
(song)
Swirzerland
Sword of Damocles
Sydney (Australia)
symbol
symbol
symphony Catcher in catharis Willa Cather, Willa Catherine the Great Cathode ray tube (CRT) Cathode ray discism subsidy subsidy subsistence farming succession Sudan, Republic of Suez Canal suffer fools gladly suffix Caucasus Mountains
caucus
cause célèbre
caveat emptor
cell
cell differentiation suffrage
suffragette
suffragette
suffragette
suffragette
suffragette
suffragette
suffragette
suffragette
summa cum laude
summin eteiting
Sumter, Fort
Sun Also Rises, The (title)
Superconductor
supercon suffrage suffragette synonym syphilis celsius center of gravity (center of center of gravity) yracuse, New York tabula rasa tactics/strategy Taft, William Howard Taft-Hartley Act centigrade centigrade, centigrade, centigrade, centigrade, central America (CIA) central force centripusal force centripusal force certerus cerebellum cerebral corex cartel Carter, Jimmy cartilage
Caruso, Enrico
Caruso, George
Carvashlanca
Carsablanca Taiwan
Taiwan
Taj Mahal (image)
take-home pay
Take Me Out to the Ball Gan. Take the bitter with the sweet. cerebral cortex Ceres (Demer surtax survival of the fittest Calhoun, John C.
California
Caligula
call a spade a spade Bunker Hill, Battle of Bunyan, Paul buoyancy Calvary bureaucrat Calvin, John Calvinism burgher Burke, Edmund Cambodia
Cambridge, Massachusetts
Cambridge University
Camelot
camp follower
Camptown Races (song)
Canada
Canal Zone
Canberra
Candide (title)
canine States of the Unitatic electricity Burma
Burns, Robert
burnt child fears the fire, The
burn the candle at both ends
burn the midnight oil
burn with a hard, gemlike burn with a hard, gemlike flame Burr, Aaron Burr-Hamilton duel bury the hatchet business before pleasure business cycle bust (economic) canine
Canterbury Tales, The (title)
can't hold a candle to ... buy a pig in a poke buyer's market Canton Canton
capacitor
Cape Cod
Cape Hatteras
Cape Town
capillary
capital (architecture) Byron, Lord Byronic Byzantine (complexity) Byzantine empire capital (architecture)
capital expenditure
capital formation
capital gains
capitalism
capital letter cabinet (government) cadre Caesar, Julius Caesar, Junius Caesar Augustus Caesarean section Cain and Abel capital letter capital punishment Capitol Building, U.S. Capitol Hill Capri Caracas Cairo calculus Calcutta Calder

read. Nor can the college student who, on a general knowledge test, identifies Socrates as a Native American chief or the Great Gatsby as a magician. Hirsch outlines a straightforward plan for making cultural literacy our educational priority: Define core knowledge, put more of that information into school textbooks, and develop tests of core learning that can help students measure their progress. — from the publisher

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