

# Science

## The Science of Transportation

### Questions to Pose: Technologies of Movement

- How do they work?
- How did they come to be?
- How do they impact society?
- How does society shape them?

### Transportation in the Ancient World

- The Wheel
- The Horse
- The First Boats
- Other Tools

### Two Centuries of Speed

- On the Tracks
- On the Road
- In the Sky
- Above Water
- Below Water

### Future Modes of Transportation

- Space Travel
- Virtual Journeys
- Teleportation, Wormholes, and Warp Speed

# History

## The Great Migrations

### Introducing Migration

- Animal Migrations
- The Original Diaspora
- Theories of Human Migration

### Migration by Choice

- Economic Opportunity
- Conquest

Religious Worship

Migration by Necessity

Exile and Expulsion

Politics and Partition

Poverty

Disaster

Nomads, Population Transfer, and Refugees

Nomads

Forcible Removal

Displaced People

Migration Today

Education

Migrant Labor

Urban to Suburban

Undocumented Immigration and Citizenship

Repatriation

How to Colonize the Stars

# Current Affairs

## Globalization

Trade and Globalization in the 21st Century

The Fundamentals of International Trade

A Brief History of Globalization

Multinationals and the Flow of Capital

Special Economic Zones and Free Trade Areas

The Internet as Uniter, the Internet as Divider

Nationalism in the Age of Social Media

Resistance to Globalization

Travel and Tourism

The Origins of International Travel

The Modern Travel Industry

Disruptive Innovations

New Forms of Tourism

Travel, Tourism, and the Law

Social and Cultural Concerns

War, Peace, and the Global Economy

Role of International Institutions  
Conflict Avoidance and Resolution  
Embargoes and Trade Sanctions  
National Politics in a Global World

## Special Area

### The Turbulent Earth

Questions to Pose: An Uneasy Planet

What causes the natural movements of the Earth?  
What causes the unnatural movements of the Earth?  
When do such movements become disasters?  
How do different societies respond differently to disasters?  
What can be predicted? What can be managed?

The Earth Beneath Our Feet

Erosion and the Face of the World  
Physical Structure and Plate Tectonics  
Earthquakes and Tsunamis  
Volcanoes and Volcanic Landforms

Disruptions of the Atmosphere

Hurricanes and Typhoons  
Cyclones and Tornadoes  
Droughts and Desertification  
Sources and Impacts of Particulate Matter

World of the Future

Causes and Consequences of Climate Change  
Toward a New Mastery of the Earth

## The Arts

### Movement in Art, Music, and Dance

Immigration, Migration, Emigration

[Migrant Mother](#)

[Jacob Lawrence, Migration 1947](#)

[Willie Bester, Semekazi \(Migrant Miseries\), 1993](#)

[To Raise the Water Level in a Fishpond, 1997, Performance, Beijing, China](#)

Li Keran, The Long March  
Richard Long, A Line Made by Walking (1967)  
Extension: Heath Bunting, BorderXing Guide  
Electronic Disturbance Art Project, Transborder Immigrant Tool

#### Moving Goods

Turner, Slave Ship  
William B. Van Ingen, Panama Canal Murals  
Hashimoto Sadahide, Picture of Western Traders at Yokohama Transporting Merchandise, 1861.  
Masami Teraoka, McDonalds Hamburgers Invade Japan

#### Land, Sea, Air, and Space

Frida Kahlo, Autobus  
Suh Yongsun, Berlin Leopoldplatz Platform  
NASA Space colony, 1970  
Cai Guo-Qian, Gunpowder drawing project

#### People in Motion

Shiva as Lord of Dance (11th Century)  
Breugel, The Peasant Dance (c. 1567)  
Edgar Degas, Little Fourteen Year Old Dancer (1922)  
Martha Graham  
Zhang Yimou, Impressions of Li Jiang

# Language and Literature

## Movement in Poetry, Film, and Prose

#### Travel Writing

Blue Highways | William Least Heat-Moon | Chapter 1  
In a Sunburned Country | Bill Bryson | Excerpts from Chapters 1 & 2  
The Travels of Marco Polo | Brief Selections  
The Death of Josseline | Excerpt  
“Why We Travel” | Pico Iyer

#### Poetry

##### Voices of Migration

“Immigrant Blues” | Li-Young Lee  
“Lines Written in Oregon” | Vladimir Nabokov

“The New Colossus” | Emma Lazarus  
“Prospective Immigrants Please Note” | Adrienne Rich  
“Chicago Zen” | A. K. Ramanujan

#### The Poetry of Going Places

“Ode to Bicycles” | Pablo Neruda  
“To a Locomotive in Winter” | Walt Whitman  
“High Flight” | John Gillespie Magee, Jr.  
“Filling Station” | Elizabeth Bishop  
“Oh the Places You’ll Go” | Dr. Seuss

#### Short Stories

Ken Liu | “Paper Menagerie”  
Jumpa Lahiri | “Once in a Lifetime”

#### Film

Arrival of a Train at La Ciotat  
Opening of Up  
“I’ll Wait for the Next One”  
“PaperMan”  
October Sky