

ORIENTEERING IN SCHOOL CURRICULA

only some of the many possible applications

- **Problem Solving – Decision Making**
- **Navigating with Maps – Planning**
- **Team Building– Organizational Skills**

- **Self-Confidence – Self-Reliance**
- **Respect and Appreciation of the Environment**
- **Feeling Comfortable in the Out-of-Doors**

BIOLOGICAL SCIENCE

- ___ Locating diverse habitats and their boundaries (e.g. forests, fields, swamps, ponds) and relating them to a map
- ___ Computing the size of various habitats
- ___ Plotting the locations of various species of plants
- ___ Plotting the homes and territories of various animal species

EARTH SCIENCE

- ___ Locating and identifying different types of geological features, first on a map and then on the land
- ___ Understanding and interpreting contours
- ___ Relating topography to hydrology, geology, mineralogy, etc.
- ___ Magnetism and using a compass
- ___ Caring for the environment

MATHEMATICS

- ___ Measuring map and land distances
- ___ Computing the size of different areas
- ___ Estimating and calculating distances
- ___ Teaching precision with map scales, proportion and ratio, angles and degrees
- ___ Working with word problems
- ___ Spatial relationships

PHYSICAL EDUCATION

- ___ Introducing a lifetime recreational activity
- ___ Combining aerobic physical activity with thinking skills, done indoors or outdoors
- ___ Personal health and cooperative learning
- ___ Team-building and strategizing
- ___ Skills assessment
- ___ Designing a school-wide orienteering event

ENGLISH and LANGUAGE ARTS

- ___ Listening and comprehension
- ___ Written or oral directions for students to follow while navigating from one location to another, using a classroom map or a map of the property
- ___ Having students write sets of directions, which other students then follow to check for both clarity and accuracy
- ___ Developing a creative story using various map locations and features
- ___ Writing stories, poems, journals about orienteering experiences

SOCIAL STUDIES

- ___ Teaching basic map/ navigational skills
- ___ Learning about past uses of land from mapped features
- ___ Exploring new environments
- ___ Interpreting how humans change the land
- ___ How land features affect human use of the land (past and present)

ART–COMPUTERS–TECHNOLOGY

- ___ Observation, perspective, visualization
- ___ Cartography – learning mapping skills, software applications, and printing process
- ___ Drawing, printing, posters, graphic arts
- ___ Surveying, accurate drawing
- ___ Internet communications

What can you imagine?

Compiled by Orienteering Unlimited
www.orienteeringunlimited.com

Ed Hicks – Somers, NY – Owner & Founder
edhicks@orienteeringunlimited.com
Bob Burg – Lindenwold, NJ – Regional Trainer
bburg@comcast.net