ABSTRACT

Many of the references in this bibliography are followed by a listing of ERIC descriptors to indicate the contents. The literature is pertinent to educational facilities design in providing for visual orientation, comprehension, and response to the physical environment. Listed items are presented in two sections: (1) human physiological, psychological, and sociological requirements for visual performances; and (2) the design of visual communications. (MLF)
DIRECTIONAL AND INFORMATIONAL SIGNS
FOR EDUCATIONAL FACILITIES

A Selected Bibliography
May 1970
DIRECTIONAL AND INFORMATIONAL SIGNS
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ERIC CLEARINGHOUSE ON EDUCATIONAL FACILITIES
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INTRODUCTION

This compilation is a survey of the literature pertinate to the design of educational facilities in providing for visual, orientation, comprehension and response to the physical environment. The literature presented is indicative of the state of the art of this topic as it relates to--(1) primary investigations to determine the psychological, biological and physiological relationship of man to his visual environment, (2) sources pertinate to development of the visual environment and visual communications facilities through design.

Each indexed reference source identified is followed by an alphabetical listing of descriptors which were selected to describe the subject elements of each document. Major descriptors are the most important descriptors assigned to a given document and are identified by an asterisk. The descriptors used throughout this bibliography are part of the Thesaurus of ERIC Descriptors, which is used for indexing, storing, and retrieving documents handled by the ERIC system.
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HUMAN PHYSIOLOGICAL, PSYCHOLOGICAL, AND
SOCIOLOGICAL REQUIREMENTS FOR VISUAL PERFORMANCE


*Body Image; *Building Design; *Interior Space; *Kinesthetic Perception; *Psychological Design Needs; Behavior; Controlled Environment; Design Needs; Equipment; Evaluation; Experiments; Human Body; Motion; Planning; Public Facilities; Research; Response Mode; Test Construction


Birren, Faber. "Psychological Implications of Color and Illumination", Illuminating Engineering, 64 (May 1969), 397-402.

*Color; *Environmental Influences; *Environmental Research; *Lighting; *Psychological Design Needs; Controlled Environment; Illumination Levels; Physiology; Vision; Visual Perception


*Color; *Light; *Physiology; *Psychology; *Visual Perception; Biology; Environmental Influences; Visual Environment


*Design; *Environment; *Furniture; *Lighting; Building Design; Classroom Design; Classroom Environment; Classroom Furniture; Educational Equipment; Furniture Design; School Design


*Acoustical Environment; *Behavior; *Environmental Research; *Lighting; *Social Environment; Environmental Influences


*Environmental Criteria; *Environmental Influences; *Environmental Research; *Physical Environment; *School Environment; Acoustical Environment; Climate Control; Controlled Environment; Human Engineering; Lighting; Physical Design Needs; Psychological Design Needs; Social Environment; Temperature; Thermal Environment; Visual Environment


*Human Factors; *Physical Environment; *Task Performance; *Visual Perception; Contrast; Glare; Visual Discrimination; Visual Environment


*Environmental Influences; *Lighting; *Motor Reactions; *Space Orientation; *Vision; Environmental Research; Eyes; Illumination Levels; Physiology; Safety; Visual Environment; Visual Perception


Smith, F. O. "A Study to Determine the Relative Effectiveness (Visibility) of Red, Orange, Yellow, Green, and Blue Under Certain Specified Conditions", Journal of Experimental Psychology, 26 (1940), 124-128.


*Environmental Influences; *Lighting; *Performance Specifications; *Vision; *Visual Environment; Color; Daylighting; Environmental Research; Eyes; Glare; Human Engineering; Illumination Levels; Physiology; Safety; Solar Radiation; Task Performance
THE DESIGN OF VISUAL COMMUNICATIONS


"Campus Graphics Designing a Campus Signage System", *College & University Business*, 17 (Nov. 1969).

*Campus Planning; *Design; *Graphic Arts; Commercial Art; Design Needs; Design Requirements; Educational Facilities; Traffic Signs


"Direction by Color Signs for Arizona", *Roads and Streets*, 97 (September 1954), 68-69, 86.


*Design; *Design Requirements; *Graphic Arts; *Information Dissemination; *Signs; Building Design; Commercial Art; Communications; Traffic Circulation; Traffic Signs

*Buildings; *Color Planning; *Environmental Research; *Identification; *Specifications; Architecture; Building Trades; Communication Problems; Coordination; Environmental Influences; Graphic Arts; Merchandising; Scientific Principles; Standards


*Architecture; *Illumination Levels; *Lighting; *Lighting Design; *Vision; Lights; Photographs


*Color; *Environmental Influences; *Physical Design Needs; *School Design; *Visual Environment; Classroom Design; Interior Design; Lighting Design; Psychology; Vision


*Campus Planning; *Graphic Arts; *Parking Areas; *Signs; *Universities; Printing; School Buildings; Traffic Regulations


*Campus Planning; *Design; *Environmental Criteria; *Performance Criteria; *Site Development; Architectural Elements; Building Design; Communications; Emergency
