

In The Name of God

***A new way of looking at
the effect of interior
architecture on increasing
creativity and learning***

By:

Dr Rouhangiz Amini

www.ketab.ir

سرشناسه: امینی، روح‌انگیز، ۱۳۵۹ - Amini, Rouhangiz
عنوان و نام پدیدآور:
A new way of looking at the effect of interior architecture on
increasing creativity and learning [Book]/ Rouhangiz Amini

مشخصات نشر: تهران: کارآفرینان بزرگ، ۱۳۹۸ = ۲۰۱۹ م
مشخصات ظاهری: ۹۶ ص؛ ۱۴/۵ × ۲۱/۵ س م
شابک: ۹۷۸-۶۲۲-۹۶۳۴۳-۲-۵
وضعیت فهرست نویسی: فیپا
یادداشت: انگلیسی
یادداشت: عنوان به فارسی: نگاهی نو به تاثیر معماری داخلی در افزایش خلاقیت و یادگیری
یادداشت: کتاب حاضر با عنوان «نگاهی نو به تاثیر معماری داخلی در افزایش خلاقیت و یادگیری» توسط انتشارات کارآفرینان بزرگ در سال ۱۳۹۸ فیپا گرفته است
آرشیوی عنوان: نیو...
موضوع: معماری داخلی
موضوع: تزئین داخلی
موضوع: خلاقیت
موضوع: اندیشه و فکر خلاق
رده بندی کنگره: ۵-۱۳۷
شماره کتابشناسی ملی: ۷۳۴-۸۹۱
موضوع: Interior architecture
موضوع: Interior decoration
موضوع: Creative ability
موضوع: Creative thinking
رده بندی دیویی: ۷۲۹

آدرس انتشارات کارآفرینان بزرگ:

تهران صندوق پستی ۱۵۸۶-۱۳۴۴۵

مرکز بخش: www.karafirinan.ir/ozorg.com



عنوان: نگاهی نو به تاثیر معماری داخلی در افزایش خلاقیت و یادگیری

نویسنده: دکتر روح انگیز امینی

نوبت چاپ: اول ۱۳۹۸

شمارگان: ۱۰۰۰ نسخه

قیمت: ۴۰۰۰ تومان

شابک: ۹۷۸-۶۲۲-۹۶۳۴۳-۲-۵

CONTENT

- Introduction	7
- Chapter I: Building Interior architecture	10
- Building interior architecture	10
- Transformations in interior architecture	12
- The application of forms in a building's interior architecture	13
- The application of light in a building's interior architecture	14
- The application of colour in a building's interior architecture	18
- The environment surrounding the design in interior architecture	20
- The examination of the interior architecture models	21
- Interior architecture planning	22
- Designing	23
- Schools' architecture	23
- The schools' architectural features	25
- The necessary requirement for designing school classrooms	26
- The school architecture requirements	27
- Design criteria for educational buildings	28
- The criteria for the educational spaces	29
- Schools' lighting	31
- The concept and application of open spaces in the traditional and new schools	31
- The classic theory and the yard's functional model in the contemporary schools	33
- The modern theory and the empirical teaching method in open spaces	33
- The necessity of creating green spaces in schools	36
- The importance of the green space from a the perspective of	

4 A new way of looking at the effect of interior ...

the social needs and the students' leisure time	37
- The school green spaces' standards	39
- The effect of the four climates on the schools' architecture	40
- A) The Cold climate	40
- B) The Hot and dry climate	40
- C) The Warm and humid climate	41
- D) The wet (rainy) climate	41
- The construction mortars and the exterior surface colours in school buildings' architecture	42
- Chapter II: Creativity and managers learning	44
- The definition and description of creativity	44
- The principals and the teachers' role in nurturing the students' creativity	46
- 1) Principals' role	46
- 2) Teachers' role in fostering creativity	
- 3) Creating opportunities for creativity to emerge and flourish	48
- 4) Awarding the creative successes	48
- The creativity views	49
- 1) The end product perspective of the creative behaviour	49
- 2) The creative behaviour analysis viewpoint	50
- 3) The perspective on personality traits and creative behaviour	51
- 4) The environmental perspective and the creative behaviour	51
- The characteristics of the creative individuals	52
- Barriers to innovation and creativity	53
- 1) The individual creativity barrier	54
- 2) The social creativity barriers	54
- 3) The organizational creativity barriers	56
- Creativity in the language domain	58

- Investigation of the creativity traits and their role in promoting creativity	60
- 1) Playing	60
- 2) Imagination	60
- 3) Curiosity	61
- 4) Stimulation by the environment's natural elements	61
- 5) Children's play partnership	61
- 6) Functional flexibility	61
- Learning	62
- The teaching methods	63
- The Conventional (traditional) method	63
- blended learning	6
- The learning styles and their relationship with students academic performance	67
- Models for creative performance in learning	68
 - Chapter III: The effect of building's interior architecture on creativity and learning	 74
- The physical space and creativity	74
- Interior architecture models in the learning environments	75
- The impact of the educational spaces on enhancing creativity and learning	75
- The role of architecture appropriate to one's moods and physical, mental, social and emotional growth and development	77
- 1) The lonely corners and safe spaces	77
- 2) Stair	78
- 3) Ceiling height variety	78
- The role of architecture appropriate to one's moods in influencing the mental and emotional forces	78
- 1) Determining the amount of light proportional to the space's function	78

6 A new way of looking at the effect of interior ...

- 2) Colour in educational spaces	79
- The role of architecture in the student's participation in the teaching process while simultaneously creating a cheerful and energetic environment	79
- 1) The corridors	79
- 2) The classrooms apparent dimensions	80
- 3) The classrooms' heat and ventilation	80
- 4) Sound and the related variables	81
- 5) The classroom's organization and layout	81
- 6) The interior architecture's models in the learning environments	82
- 7) The learning streets	82
- The role of interior architecture in building students' desire and creativity for presence in the learning environment	83
- The effect of the existence of water and tree in the learning Environment on creativity and learning	84
- The effect of the connection of the interior architecture's inside and outside on creativity and learning (nature's role in the learning environment)	85
- The effect of the interior architecture's considered colours to enhance creativity and learning	86
- The interior architecture models in the learning environments	87
- The role of the interior architecture furniture in enhancing the students' creativity and learning	89
- Creative place architecture planning for kids	89