



SCHOOL WITHOUT CLASSROOMS | BERLIN

ARCHITECTURE COMPETITION | 01.04.2017 TO 30.06.2017



MISSION STATEMENT

What if we lived in an age where school and learning was not systemized but optimized ?

What if the school had no grades, subjects and books ?

What if the classrooms did not mean a four-walled cubicle ?

What if the process and hierarchy of the schooling-setup was never there ?

What if there was more to the static architecture style of a schooling environment ?

We seem to have forgotten that schools are the real 'Temples of Innovation' that shape children of the future. Schools are supposed to be 'fun' places that inspire wonder, creativity and innovation through teaching and learning. Schools should offer welcoming environments that instil in us confidence to pursue our dreams and interests. Pedagogy i.e. the art of teaching faces a real test in today's times for it has remained very stagnant and rigid in its discourse. Innovation in methods and practices of education has been slow and very limited. In most of the countries, schools have adopted a very general, mechanical and theoretical system of education that minutely focuses on problem solving, practical and experimental methods and most importantly, personal interests of children. Schooling environment, since the industrial revolution has done very less to revamp their gloomy, colourless, isolating and lifeless spaces.

Brain development between ages 5 and 12 is significant and understood. Cognitive psychologists and neuroscientists are intrigued with how cognitive capacities are affected by the architectural attributes and spatiality of a school environment.

The competition seeks the creation of a middle school (age group 5-12) that completely negates the present day 'bench-table-chalkboard' idea of a classroom and a regularized building typology of a school. The competition seeks ideas from participants to create a fun built environment for a middle school that understands the individual needs of each child yet being very collaborative in nature. The school should strive to create a new pedagogical space that emphasizes on people-oriented design in behavioral terms as they interact and use spaces.

Design a new way of learning in schools- that changes the functioning system of the present day school typology.

The competition seeks to radicalize the school system through architecture not only in terms of improving the quality of study environment but revamping the system and breaking all the physical and metaphorical class divisions into an entirely new school system. The participants should devise new pedagogical systems that would negate the generic teaching strategies and give more importance to personal interests and aspirations of the students. The school should explore and incorporate more and more practice oriented subjects and technologies to enhance a student's horizon towards the things happening around him, while maintaining academic rigor.

Create an innovative architectural and spatial environment that enhances the experiential and visual appeal of a school block.

Architecture affects our intellect and emotions, influences our performance and motivates achievement — mostly on a subliminal basis. The architecture competition seeks to create an inter-generational learning space with a very informal and fun appeal to it. The idea of the competition is to break away from a rigid, static and boring built environment of a school and move towards versatile and flexible learning spaces that allow their reuse for any possible purpose. The learning spaces should have a deeper meaning attached to them rather than a generic classroom space that is very typical in nature. All the spaces should provide a different experience to the students in terms of their built quality, aesthetics, color, form and overall spatiality.



Incorporate environment and landscape in a school block in a more 'meaningful' and dynamic fashion.

Environment is considered as the 'third teacher' in pedagogy. The architecture competition should strive to create a school that allows the environment to teach, inspire and shape the identity of the people who operate in it in a constructive and positive direction. The landscaped zone in the school must not be limited to playfields and unused lawns but should try to merge into the learning spaces in a permeable fashion. The participants should design landscaped collaborative zones as a part of the schooling built environment and not separate chunks of vast green spaces.

EVALUATION CRITERIA

Entries will be evaluated based on the following criteria:

- Translation and physical manifestation of briefs and the theme
- Built form and spatiality for the school.
- Innovative theme and programming of the school system.
- Aesthetics and originality.
- Emotional and psychological power.
- Argumentation and Representation
- Clarity and comprehensibility of the design.



SITE



Berlin is the 21st century contemporary world's ideal capital. The city left its torrid history behind to quickly grow and cement itself into the intellectual and cultural core of the world. Berlin is the epicenter of any new movement that starts to demolish the old world order. The site for the competition is located in Tempelhof, Berlin and aims to create an exemplary prototype for all the new world schooling systems to follow.

- **Location:** Tempelhof Feld, Berlin
- **Google Earth:** Latitude: 52°28'16"N Longitude: 13°23'14"W
- **Site Area:** 9480 square metres approx.
- **Maximum Built Area:** 8000 square metres
(i.e. Maximum Cumulative floor area for all the floors)

**Note:.*

- There are no height restrictions above the ground. The participants can go to a maximum of 6 metres below the ground level.

- Participants need not design any parking space within the site. It is assumed to be provided somewhere else in the complex.

The highlighted area in the site plan are the site limits. Please refer the AutoCAD file in the folder for the exact site measurements and dimensions.

AREA PROGRAM



The program should be true to the concept and spirit of a middle school (for children between 5-12 years) and adhere to the requirements of a school block. The participants are advised to take a maximum capacity of 60 students per age group and 500 students for the entire school.

Following are the programmatical features that are to be provided in the proposal for the school. The size, proportions and number of facilities are left to the participant's discretion and imagination. Competitors are encouraged to design and propose any kind of innovative and intuitive program or function in addition and extension to the following list of functions, but with an argumentated necessity. Keeping in mind the paucity of space in today's times, explore the possibility of designing multifunctional and dynamic spaces.

LEARNING SPACES:

The participants should redefine the learning zones according to their design concept. The learning spaces could range from individual silent learning in a quiet place or collaborative work on a project with or without a facilitator (teacher, staff member or a senior). Each space contains a range of resources including IT, presentation and performance spaces, and seminar rooms which provide the opportunity for tutor-to-learner support. All areas and resources in the centers are bookable. Following leads can be taken into consideration:

- Group teaching spaces
- Technology enabled self-learning space
- Customized learning spaces
- Learning clusters

AUXILIARY SPACES:

Apart from the learning zone, the participants must incorporate the service facilities that are pre-requisite for running a school. Following leads can be taken into consideration:

- Staff Section
- Administrative Section
- Canteen
- Public Utilities
- Sports facilities

SCHEDULE

Start of Early Registration: 1st April 2016

Early Registration ends: 31st May 2017

Standard Registration starts: 1st June 2017

Deadline for Questions: 10th June 2017

Standard Registration ends: 29th June 2017

Closing day for Submissions: 30th June 2017

Announcement of Winners: 24th July 2017

Note: All deadlines are 11:59 pm - 00:00 IST (India).

AWARDS

Winning participants will receive prizes totalling INR 2,00,000 with the distribution as follows:

First prize- INR 1,00,000/- + Certificate

Second prize- INR 60,000/- + Certificate

Third prize- INR 40,000/- + Certificate

10 Honorable mentions

Winners and honorable mentions will be published on archasm's website and several international architecture magazines and websites partnered by us.

REGISTRATION

Early Registration:

From 1st April 2017 to 31st May 2017

- o For Indian nationals- INR 1500 (per team)
- o For Foreign nationals- EUR 60 (per team)

Standard Registration:

From 1st June 2017 to 29th June 2017

- o For Indian nationals- INR 1800 (per team)
- o For Foreign nationals- EUR 80 (per team)

Entrants may register by filling the registration form and submitting it with the appropriate payment through our secure gateway on our website www.archasm.in

Discount

Group discounts apply for a minimum of 5 teams from one particular architecture school/university as our initiative to promote more participation from students.

Send us the following details at queries@archasm.in to avail the offer.

- Names of all the participating teams members and their respective team leaders.
- Name of the university.
- School ID proofs of the team leaders.

Note:

It will not be possible to amend or update any information relating to your registration including the names of team members once validated.

REGULATIONS

- Participant teams will be disqualified if any of the competition rules or submission requirements are not considered. Participation assumes acceptance of the regulations.
- Team code is the only means of identification of a team.
- The official language of the competition is English.
- The registration fee is non-refundable.
- Contacting the Jury is prohibited.
- archasm as the competition organizer, reserves the right to modify the competition schedule if deemed necessary.

SUBMISSION REQUIREMENTS

- Proposal to be presented on ONE LANDSCAPE ORIENTED A1 SHEET.
- TEAMCODE to be mentioned on the TOP RIGHT-HAND CORNER of the sheet.
- Proposal MUST NOT include ANY INFORMATION (Name, Organisation, School etc.) that may give away your identity.
- All text must be in ENGLISH, with a MAXIMUM of 250 WORDS for project explanation (to be provided on the A1 sheet itself).
- Proposal may be presented using any technique of your choice (sketches, diagrams, 3D visualizations, model photos, CAD drawings, etc.).

Submission Format:

JPEG of your project must be submitted within the deadline of 30th June 2017.

Submission to be sent via email to: **submission@archasm.in**

- TEAMCODE must be the subject of the email.
- MAXIMUM FILE SIZE : 8MB
- NAME OF THE FILE : TeamCode.jpeg

COMPETITION PROJECT DISCLAIMER

This is an open international competition hosted by archasm to generate progressive design ideas. There are no plans for the middle school to be built. The competition is organized for education purpose only.

QUERIES AND QUESTIONS

In case you still have questions related to the briefs and the competition, please send them to queries@archasm.in with 'FAQ' subject until 10th June, 2017. We highly recommend our participants to check the FAQ section on the archasm website as this will provide additional vital information from time to time. All queries regarding registration process, fees or payment should be sent on the same email address with 'ENQUIRY' as the subject.

Terms and Conditions

Please see the terms and conditions section on www.archasm.in.

Other details:

Website: www.archasm.in

Facebook: www.facebook.com/atarchasm

Instagram: www.instagram.com/archasm_competitions/

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