



## ADITYA VIDYASHRAM RESIDENTIAL SCHOOL PUDUCHERRY

A Unit of Sri Vidyanarayana Educational Trust

Affiliated to CBSE: Affiliation Number - 2930002, School Code - 56802

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### CURRICULUM GUIDELINES:

Aditya under CBSE guidelines and NCERT curriculum has completed sixteen rewarding years with many milestones. Our journey started way back in June 2005 with 197 students, we have sailed a long journey and grown to have 6377 students.

- Aditya's prime role is to enable our students to fulfill their potential and prepare them for life after school.
- Our Autopilot Approach has a core purpose to develop fine young students who can navigate proficiently into life beyond school.
- Aditya is committed to developing an original approach whereby the school, students, staff, parents, and community take ownership to achieve our core purpose together.
- Aditya can further be justifiably proud of the achievements of our students academically, culturally, and on the sports field. We and we hope to continue this trend forever.

The essential features of our effort-oriented educational system:

- ❖ Clear expectations for achievement
- ❖ Fair and credible evaluations of achievement
- ❖ Celebration of share for success
- ❖ Providing time for students to meet learning expectations
- ❖ Expert instruction: appreciating every individual for their learning potential.

The Management Aditya has been futuristic in the development and transformation of the school based on the traditions of excellence established by us over 16 years and ahead.

Some of the recent realistic transformations include the added amenities to our topnotch infrastructure, digital, virtual facilities, generous counseling, preventive awareness medical services, healthy and hygienic mess management, technology integration, conducive hostel stay conditions, defined transport settings, resourceful libraries, labs, programs on universal Nation's respect: **by way, our 'bright pride bridal' ornaments** : NCC, Scouting, Cleanliness, Cultural, Quizzing, Competitions, Linguistic brilliance, Karadi path's innovative language acceleration, Annual Exhibition, Real Life Skill Enrichment programs, Coding solutions, Artificial Intelligence, Round Robin Seminars, and the like.

Thus, in Aditya, our education and implementation of CBSE Curriculum is a coherent set of learning activities organized intellect set of academic tasks over a sustained period to achieve the pre-fixed objectives.

CBSE Curriculum Guidelines: The Central Dogma of Aditya

❖ The school aims at transacting the curriculum designed for our students as per the CBSE affiliation bye-laws and examinations bye-laws laid down to provide objective-based learning with desirable outcomes: by our annual pedagogical plan and evaluative procedures central to the specification laid down in NCF - NCERT Publications.

❖ The essence of our school annual academic plan is the scope and sequences referred in by the National Curriculum guidelines, NCERT Publications and CBSE Examination pattern underlying the focus on our students to prove their academic excellence.

Aditya's Prominence in Curriculum implementation is central to:

❖ Extending the opportunities favoring the physical, intellectual, social, cultural, linguistic, computational, and emotional intelligence in our students.

❖ Preparing our students on par with the international standard, technological advancement, yet retaining our constitutional, national, traditional, and ethical values in our students through academic activities.

❖ Programming for instant and long term learning outcomes within our spiral curriculum and thematic approach in practice, to enhance conceptually understanding and problem-solving attitude in our learners.

❖ Integrating art and various CSA activities in academics, promoting interdisciplinary approach encompassing health, physical and value education, nurturing innovative spirit, self-esteem, respect to the nation, nature care, environmental cleanliness and life skills, leaving 'no child behind'.

Prime Facets and Aditya Curriculum

❖ Ensuring learning competency up to date: for linguistic, mathematical, technological and moral excellence.

❖ Practices guided learning, self-learning, group Learning, and Collaborative Learning, through planned activities and offering facilities to organize Round robin, Free talk: Spoken Language, Math magic, Annual Exhibition, Power English, Atal tinkering, Lingual lab, Virtual Reality, Parents visit Activities.

❖ Periodical Assessments to ensure academic success plus feedback to parents, inviting parental share in student's success, continued learning for further progress, skill, quality, and health governance, sporting success, skill applications, and talent displaying programs.

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ADITYA VIDYASHRAM RESIDENTIAL SCHOOL PUDUCHERY: NCERT BOOK REVIEW:

CURRICULUM CONSONANCE: 2021 – 2022

Class : ..... Subject : ..... Title of the Book : .....  
 ....., Year of Edition : .....

Certified, we have reviewed the NCERT Publication referred in here with the **CBSE :Senior School/ Secondary School Curriculum 2021 – 2022**, and observed the following factual details : Report Submitted based on our observation, coordinated by the Subject HOD.

Teacher(s) Name(s) with Signature :

1....., 2.....,  
 3....., 4.....,

Chapter / Topics Order	Content Matching	Content Missing	Impression on Publication: By Subject Teachers
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Designing Curriculum, Instruction, Assessment, and Professional Development

The Educative Principle at our Adityais to support learning with understanding, underlying the intentional and systemic design of key elements:curriculum, instruction, assessment, and professional advance of the scholastic scheme, to promote learning with understanding within the context of advanced study. It is critical to recognize that programs for realization in entrance cum eligibility tests and advanced study.

While in Aditya we address the key elements, they work together synergistically and aligned in mutually supportive ways. Without such alignment and interdependence, profound conceptual gain is further challenging to prosper. Hence the class instruction in depth is related to assessments measures on the students' knowledge of discrete facts, making it further meaningful that the changes in one key element affects the required changes in the other elements.

The critical role of the learning environment in our class teaching is fostering learning with understanding. The learning ambience in Aditya Vidyashram and the classroom in which the components of educational programs interact affects the degree to which teachers can integrate curriculum, instruction, and assessment to promote learning with understanding.

The organization of curriculum and its critical role : aims at linking what our students are currently learning with what they have learned earlier.

#### Appreciative Values of Curriculum in Aditya Vidyashram

- The perceptions, accurate content, and processes organize the knowledge base of the discipline around the core concepts of the subjects
- Reasonable order in promoting previous learning in and thru age appropriate learning, practices and demonstrating abilities
- Planned knowledge activities that, in a tangible style, let students to experience problem solving and inquiry in conditions that are careworn from their own experiences and real-life uses.
- Language, trials, and inquiry approach to and reality substantiation reliable with the practices established.
- Interdisciplinary relations and integration to connect learning with the issues, problems, emphasis on relationships of unifying concepts and processes to many topics and experiences that figure prominently in their daily life
- Well-articulated curriculum between the fundamental grades, high school and college fundamental to the recognized connections with other disciplines

#### Effective Assessment in Aditya

- ❖ Assessment is of special importance and is exemplary of reasoning while learning, as it carries high stakes for our students, teachers, and school.
- ❖ Planned in conjunction with established practices that contain a meticulous reflection of the consistency, cogency, and cognizance of the conclusions drawn from the test results.
- ❖ Curriculum and instruction are matched with the factual content, concepts, courses, and capacities the assessment is envisioned to quantify so there isn't any work at cross-purposes.
- ❖ Important content and process dimensions of performance in a discipline are designed to stimulate the perception at the metacognitive levels and to extend feedback or modalities for further progress

#### Professional Development : Principles involved in Aditya Teaching

The achievement of students in Aditya is influenced by the skilled teachers and effective teaching methodologies being adopted by them.. The well-structured external programs that build on the regular curriculum already is in place at Aditya school. He ample opportunity and support for continual learning

is facilitated through sustained professional development programs being instituted for advanced study in our school

- Priming knowledge gain in subjects, age reference and multiple perspectives in learners to the conceptual clarity, proven pedagogy suitable to each subject
- Peer learning and peer observation schedule for an in-depth discussion of prescribed contents, teaching insets and evaluation strategies for feedback review
- Advancing in lessons with interdisciplinary inquiry that extends beyond the classroom
- Adjacent : upcoming four weeks plan and year plan coincidence for syllabus coverage
- Understanding the importance of thinking critically about each element in academic discussion that affects our students.
- Expectations about the kinds of educational outcomes that our students should manifest by the time they graduate from senior secondary level.

### ***Technology in Aditya: The Extremely Promising Teaching Tool***

- ✓ Technology is an extremely promising tool for improving the education of our students, much has been achieved and the future holds greater promise with the promising training for the teachers to effectively mobilize the tech resources made available for continuous online and on campus education.
  - ✓ The assistive (mechanical, electrical, or computerized tools) and instructional (computers and other related technologies to deliver and support instruction) technologies made available in Aditya is definitely advantageous to the learners although the teachers are finding the technology adoption to be challenging and useful in education. Some of the most successful examples of technology use for students have occurred with Virtual classrooms,, Google online classrooms. Atal Tinkering Lab activities,. Exploratory, productive and communicative facilities in establishing the knowledge bank repositories
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#### **PRIMARY LEVEL:**

At the primary level, there is a greater emphasis on development based curriculum and students are taught the essential concepts of various subjects. Adityans are taught specifically through Digi board content which inculcates zeal and concentration among the students. Prominence is spelt on the development of positive attitudes and healthy habits among the students. Apart from preparing the students to succeed in academics, they are also taught the importance of moral values to lead a disciplined life.

Activity based learning is given more focus in this stage. Co-scholastic activities augment their physical and mental ability. At the Primary level greater emphasis is on expanding their creativity and adding to their experiences through painting, craftwork, clay-modeling, singing, recitation, and storytelling. These are meaningfully integrated with subject-based curriculum and students are taught the essential concepts of various subjects. The CBSE syllabus from an early age, gives every student an edge in competitive examinations in India, as most of these exams are mapped to the CBSE curriculum. The progress of each child is monitored closely and regular assessments are made, the results of which are communicated to the parents to allow for meaningful feedback and co-operation between the parents and the school.

Foundation in reading, creative writing, Science, and Mathematics are established and strengthened in a caring and stimulating environment, wherein the learning process is made positive and more meaningful. Apart from preparing the students to succeed in academics; sports and co-scholastic areas, the students are also taught the importance of maintaining a high moral life, honesty, and dignity in every task which they undertake.

#### SYSTEM OF EDUCATION

SCHOLASTIC	CO-SCHOLASTIC
<ul style="list-style-type: none"> <li>• English</li> <li>• Hindi</li> <li>• Tamil</li> <li>• French</li> <li>• Maths</li> <li>• Ev.S (From III Std.)</li> </ul>	<ul style="list-style-type: none"> <li>• Value Education</li> <li>• Physical Education</li> <li>• Computer Science</li> <li>• Arts</li> </ul>

#### MIDDLE LEVEL:

At the middle level, there is a greater emphasis on development based curriculum and students are taught the essential concepts of various subjects. Adityans are taught specifically through Digi board content which inculcates zeal and concentration among the students. Special emphasis is also laid on the development of positive attitudes and healthy habits among the students. Apart from preparing the students to succeed in academics, they are also taught the importance of moral values to lead a disciplined life.

Activity based learning is given more focus in this stage. Co-scholastic activities augment their physical and mental ability.

At the middle level greater emphasis is on expanding their creativity and adding to their experiences through lab activity, club activity, and storytelling. These are meaningfully integrated with subject-based curriculum and students are taught the essential concepts of various subjects. The CBSE syllabus from an early age, gives every student an edge in competitive examinations in India, as most of these exams are mapped to the CBSE curriculum. The progress of each child is monitored closely and regular assessments are made, the results of which are communicated to the parents to allow for meaningful feedback and co-operation between the parents and the school.

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#### SYSTEM OF EDUCATION

SCHOLASTIC	CO-SCHOLASTIC

<ul style="list-style-type: none"> <li>• English</li> <li>• Hindi</li> <li>• Tamil</li> <li>• French</li> <li>• Mathematics</li> <li>• Science</li> <li>• Social Science</li> </ul>	<ul style="list-style-type: none"> <li>• Value Education</li> <li>• Physical Education</li> <li>• Computer Science</li> <li>• Arts</li> </ul>
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#### SECONDARY LEVEL:

The Secondary School programme at Aditya supports and promotes the cognitive, affective and psychomotor excellence and enables the students to imbibe 21st century learning, literacy and life skills. In the learner-centered environment, the students acquire the ability to utilize technology and information for the betterment of humankind. The holistic approach of education ensures a well-balanced amalgamation of curricular activities with other co-curricular areas. The integrated approach strengthens knowledge and skills and upholds physical fitness, health and well-being of students. The wide range of activities like celebrations of various national & cultural festivals, Scouts and Guides, NCC inculcate values and foster cultural learning and international understanding in an interdependent society.

Students at this stage are being trained for NTSE and all competitive examinations. Further Foundation Classes are being taken for the Interested Students. Students are also encourage to participate in the State, National level competitions in Sports, Arts conducted by State Govt. and CBSE

#### SYSTEM OF EDUCATION

SCHOLASTIC
English
Language
Option is given to choose Tamil / Hindi / French
Mathematics
Science
Social Science

#### 1.3 Curriculum Areas at Senior Secondary Level is fundamental to nurturing learning competencies

The subjects offered are Language – English Core and, Science /Commerce streams with Mathematics, Physics, Chemistry, Biology, Physical Education, Computer Science, Informatics Practices, Economics, Accountancy, Business studies. The Co scholastic subjects are Skill Subjects, General Studies and Health and Physical Education.

#### SENIOR SECONDARY LEVEL:

At the senior secondary level, inculcation of values and skills enabling the students to become talented academic and professional scholars. Adityans are taught by subject experts with additional content and



material which enriches the knowledge of the students to crack NEET/JEE/CA FOUNDATION exams. Special emphasis is laid on visual learning in ATEL and visual labs and hands-on training in Physics, Chemistry and Biology laboratories. Apart from preparing the students to succeed in academics, they are also taught to maintain physical fitness and hygiene; moreover opportunities as captains are also given to enrich their leadership qualities. Students' difficulty in learning is timely assessed and guided by councilors to inculcate zeal and passion for achieving.

At the senior secondary level, emphasis is given for widening their horizon and Adityans are upgraded with new emerging technologies. The curriculum and preparation for competitive exams are blended perfect to reach their targeted goal. The CBSE syllabus and the competitive exam preparation with possible questions and key points make the path crystal clear for our Adityans to outwit the world and reach their destination in comfort zone. The progress of each child is monitored closely and regular assessments are made, the results of which are communicated to the parents to allow for meaningful feedback and co-operation between the parents and the school.

Foundation in creative skills, Innovative strategies and self- motivated learning are established and strengthened in a caring and stimulating environment, where in the learning process is made to achieve self-actualization. Apart from preparing the students to succeed in academics; sports and co-scholastic areas, the students are also taught to maintain a high moral life, with honesty, and dignity in every task they undertake throughout their life around the world.

### **SENIOR SECONDARY : XI AND XII (CBSE) – SUBJECTS OFFERED : 2021-2022**

<b>GROUPS OFFERED</b>	<b>SUBJECTS</b>
Science Stream : A1	ENGLISH, MATHEMATICS, PHYSICS, CHEMISTRY & BIOLOGY
A2	ENGLISH, MATHEMATICS, PHYSICS, CHEMISTRY & COMPUTER SCIENCE
A3	ENGLISH, PHYSICS, CHEMISTRY, BIOLOGY, COMPUTER SCIENCE/ INFORMATICS PRACTICES
A4	ENGLISH, PHYSICS, CHEMISTRY, BIOLOGY, HOME SCIENCE/PHYSICAL EDUCATION
Commerce Stream: A5	ENGLISH, ACCOUNTANCY, BUSINESS STUDIES, ECONOMICS & MATHEMATICS
A6	ENGLISH, ACCOUNTANCY, BUSINESS STUDIES, ECONOMICS / INFORMATICS PRACTICES / PHYSICAL EDUCATION