

LEAP

Exploring Learner Aptitude and Profiling through Guidance





Thiruvananthapuram
Date: 17/07/2025

V. Sivankutty
Minister for General Education
and Labour
Government of Kerala

Kerala has always been a role model among all states in the field of education. Performance excellence and quality are the hallmarks of General education in Kerala. The Kerala society's emphasis on education has contributed greatly to this achievement. The General Education Department and Samagra Shiksha Kerala, hand in hand, are implementing numerous quality interventions, paving the way for the empowerment of public education and thereby creating a new Kerala.

Kerala is among the states that have shown the best performance in the National Quality Index. This achievement has earned Kerala a place in the 'STARS' project. The goal of the 'STARS' project is to implement necessary reforms to enhance the quality and credibility of public education, design and implement innovative and flexible activities to improve educational quality, and ensure better outcomes.

This is a brief document about the major activities implemented by Samagra Shiksha Kerala under the STARS project in Kerala. I extend all my best wishes for the continuation and quality implementation of excellent activities.

With affection,

- V. Sivankutty

Dr. K. VASUKI IAS
SECRETARY



General Education Department
Government Secretariat
Thiruvananthapuram-695 001

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Date



Message from Secretary, General Education

Samagra Shiksha represents an integrated and inclusive approach to school education, and this document reflects the innovative practices, collaborative initiatives, and community engagement that have enriched our educational landscape. I am delighted to note the commendable effort taken to present a document showcasing the academic activities carried out under Samagra Shiksha in Kerala under the STARS Project. This initiative is a significant step forward. Creating a comprehensive record of our academic endeavours is crucial for several reasons: it allows us to effectively showcase the depth and breadth of the programme, serves as an invaluable resource for future planning and implementation, and enables us to identify best practices and areas for further improvement. This document not only reflects the dedication and hard work of our educators, administrators, and stakeholders but also serves as a valuable record of the innovative and inclusive practices being implemented across the state.

The holistic development of learners is always the focus of the Samagra Shiksha, Kerala. This documentation highlights our collective strides towards that goal. From strengthening foundational learning to fostering equity and excellence in education, the initiatives captured in this document reflect the spirit of collaboration and commitment that defines Kerala's education system.

The hard work demonstrated in creating this document is truly appreciated. Such thorough documentation will undoubtedly contribute to the continued success and evolution of educational initiatives across the State, ultimately benefiting our students and the entire academic community.

I congratulate the entire team behind this initiative for their dedication and vision. May this report serve not only as a record of achievements but also as a source of inspiration for future educational endeavours.

Dr. K Vasuki IAS
Secretary
Department of General Education
Government of Kerala



Introduction

STARS (Strengthening Teaching-learning and Results for States) is a sponsored project of the Central government implemented in Kerala through Samagra Shiksha since 2020. Numerous commendable activities have been implemented through the STARS project to improve the educational quality of Kerala. Early childhood education, foundational literacy, evaluation, improving classroom learning, streamlining educational service activities, interventions in vocational education, and physical infrastructure development are among the various programs implemented as part of the project. This booklet introduces some of the most commendable programs among them. We hope that the information in this book will be beneficial for future educational planning and implementation.

Dr. Supriya A.R.
State Project Director
Samagra Shiksha Kerala

Department of General Education
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STARS Project Document 2025
LEAP

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Vision



Kerala envisions an education system that empowers learners to make informed and meaningful career choices based on their individual strengths, interests, and aptitudes. Recognising that career decisions play a crucial role in shaping the future of students and the broader workforce, the State emphasises the need for structured, scientific, and inclusive career guidance from an early stage of schooling.

In this context, the LEAP (Learning, Exploration, Aspiration, and Progression) Career Guidance Programme represents a systematic and evidence-based approach to supporting learners in their academic and career pathways. By incorporating psychometric assessments and professional counselling, the programme seeks to identify the innate abilities, interests, and potential of each learner through objective and scientific methods.

Beginning from Class VIII, students undergo structured assessments that enable them and their families to gain clarity regarding suitable career options by the time they reach Class X. This early intervention ensures that learners are better prepared to make informed subject choices and pursue appropriate educational trajectories.

The programme also highlights the State's commitment to inclusive and equitable guidance by ensuring that all learners, regardless of background, have access to reliable career information and professional support. Through counselling sessions and continuous engagement, students are guided to align their aspirations with their capabilities and emerging opportunities.

Through initiatives such as LEAP, Kerala reaffirms its vision of creating a learner-centric, forward-looking education system that nurtures self-awareness, informed decision-making, and purposeful career development among students.

Objective

Objective

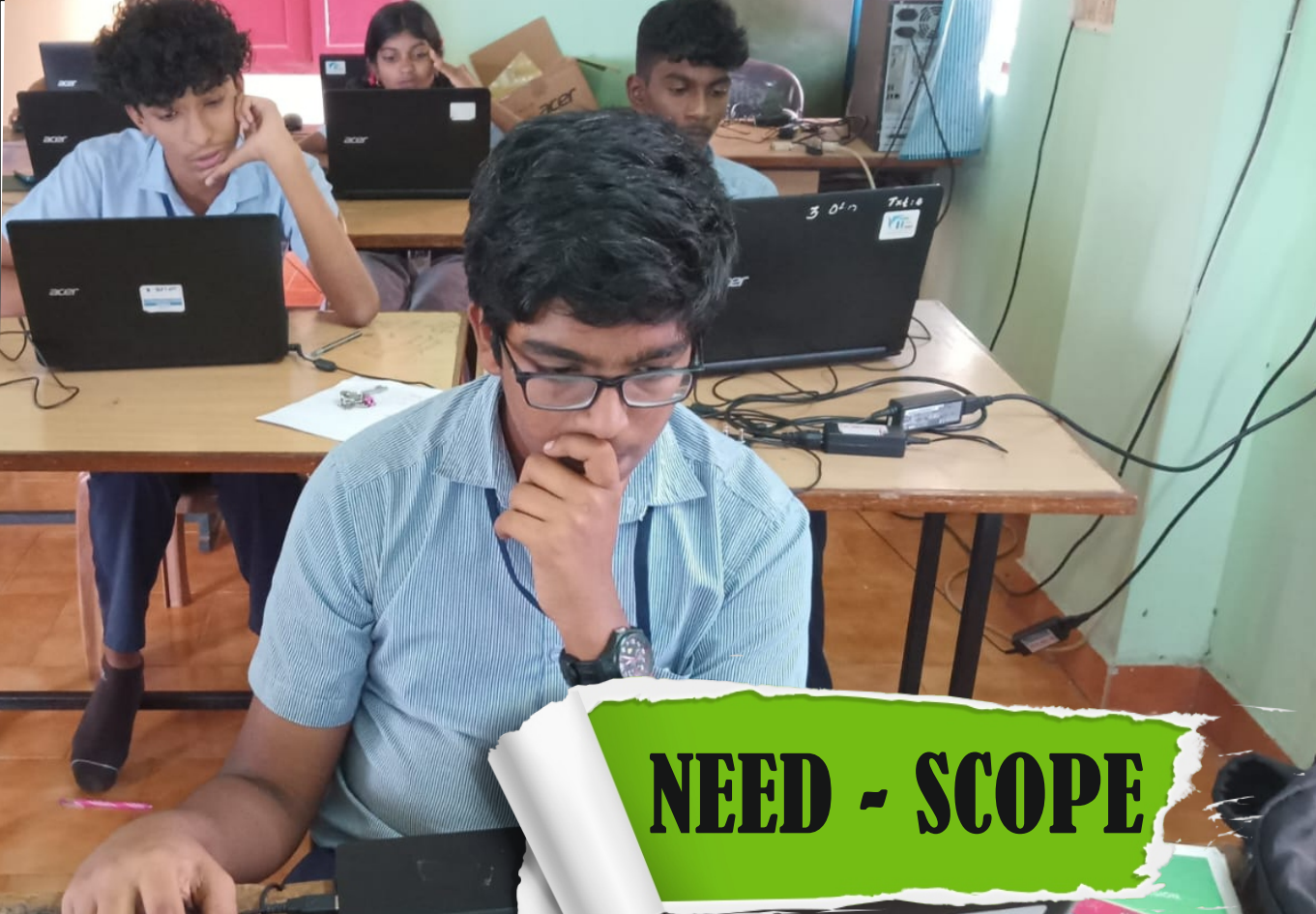


The programme aims to provide learners and their parents with scientifically derived insights into higher education pathways and career prospects through the use of psychometric assessments. By systematically identifying each learner's innate strengths, aptitudes, interests, and personality traits, the initiative enables a deeper understanding of individual potential.

Through objective analysis and structured evaluation, the programme helps students make informed and realistic academic and career choices aligned with their capabilities. The inclusion of parents in this process ensures that career decisions are taken with greater awareness, support, and clarity, thereby reducing uncertainty and mismatch in educational pursuits.

In addition, guided counselling sessions complement the assessment process by interpreting the results and providing personalised direction to learners. This integrated approach empowers students to plan their academic progression with confidence and purpose.

By fostering self-awareness and informed decision-making, the programme seeks to ensure that learners are better prepared to pursue suitable higher education opportunities and build meaningful, fulfilling career paths.



NEED - SCOPE

Exploring Learner Aptitude and Profiling (LEAP) is a scientific, comprehensive profiling and guidance programme specifically designed for the high school students. It is conceptualised taking into consideration the importance of career guidance in the process of education and is visualised to address the limitations of school-based career counseling sessions. It's approach is purely child-centred. It is a continuing process which starts from Class 8 and extended upto Class 10.

LEAP' is quite different from the traditional aptitude tests where the assessment of aptitude testing is done only once. In 'LEAP', throughout three academic years continuous support is ensured to the learner through frequent observation and individual feedback.

'In LEAP assessment, the aptitude, interest, personality traits are identified and also the socio-economic factors are taken into consideration. 'LEAP' helps to get a better idea regarding the various job prospects and make appropriate career decisions.

'LEAP' encompasses the school ecosystem as a whole, involving teachers, parents, career counsellors where they jointly collaborate providing career guidelines to students.

Comprehensive nature of the Psychometric test helps to redefine the career guidance techniques in the secondary Education, Department of Kerala context.



Aims

- To assess learners' aptitude, interest and personality traits. To identify their strengths and weaknesses.
- To provide awareness regarding learning styles and skills.
- To orient parents on the importance of appropriate selection of career.

- To get acquainted with the career fields in demand in the present era and identify the one suitable for them.
- To foster a positive attitude towards learning and career.
- To provide frequent guidelines individually.
- To lead the student to higher education fields/sectors that are in tune with their aptitude.



Scientific – Comprehensive process for futuristic decision making

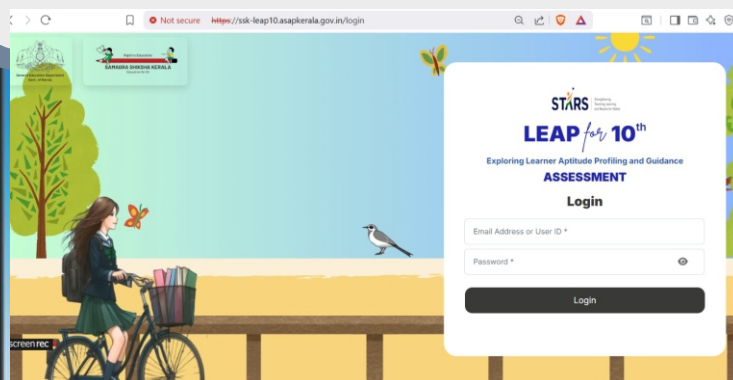
LEAP online Assessment test is conducted under the leadership of school teachers and trainers of BRCs. The process includes (a) social profiling & (b) Assessment © Counselling

Social profile form

Teacher and parent versions

A student who is enrolled in the LEAP Programme in Class 8 is profiled both individually and socially using input from the teachers and the parent. Two separate forms are there for the teachers and the parent.

LEAP Assessment online Test



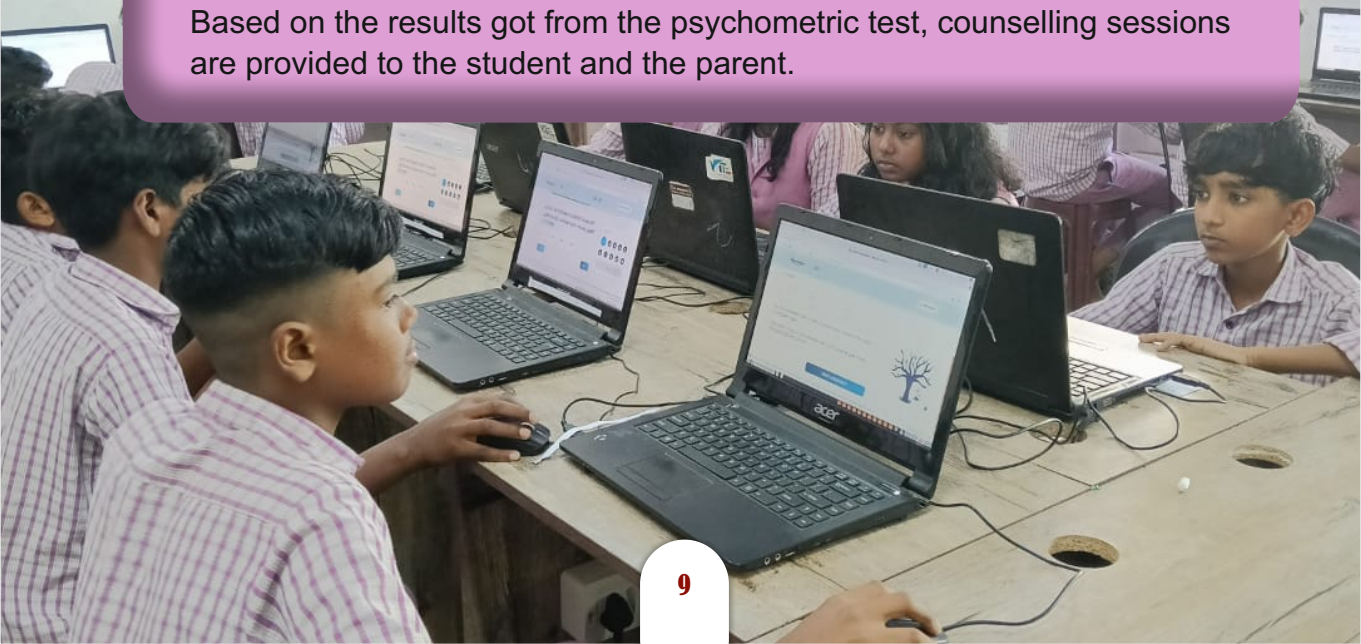


LEAP Assessment online Test

A comprehensive bilingual psychometric tool constructed and standardised in the Kerala setting profiles the student based on the various factors of his/her achievement, interest, aptitude, personality traits etc.

Counselling

Based on the results got from the psychometric test, counselling sessions are provided to the student and the parent.



LEAP Assessment Standard 8

Through social profiling and 'LEAP' psychometric test, the details of individual students are recorded. The results got are analysed by the school counsellor and counselling is provided to the student and the parent. Counselling is provided by School Counsellors from the Women and Child Department. The students who are in Standard 8 are provided counselling specific to their study habits, learning style etc.

Tracking of students for continuous 3 academic years – from class 8 to class 10. If there is any discrepancy in the individual profile compiled in Class 8, these can be rectified.







SSK LEAP
EXPLORING LEARNER
APTITUDE PROFILING
AND GUIDANCE



ASSESSMENT REPORT
KSAT 8th

Prepared For

Keerthana byju av
BEM HSS VATAKARA

1207VATAK001



ഈ മുഖ്യനിർണ്ണയം, നിങ്ങളുടെ നിലവിലെ കഴിവുകളും താല്പര്യങ്ങളും അടിസ്ഥാനമാക്കിയുള്ള തൊഴിൽ തിരഞ്ഞെടുപ്പുകൾക്കുള്ള പ്രാഥമിക മാർഗ്ഗനിർദ്ദേശമായാണ് പ്രവർത്തിക്കുന്നത്. ഇത് കാലാനുസരണം മാറും. തൊഴിൽ തിരഞ്ഞെടുപ്പുകൾക്കുള്ള പല ഉപകരണങ്ങളിൽ ഒന്നായി ഇതിനെ ഉപയോഗിക്കുക. കൂടാതെ കൂടുതൽ സമഗ്രമായ ഉപയോക്താക്കായി തൊഴിൽ മാർഗ്ഗനിർദ്ദേശ വിവരസമാഹരി സമീപിക്കുക.





SSK LEAP
EXPLORING LEARNER
APTITUDE PROFILING
AND GUIDANCE



ASSESSMENT REPORT
KSAT 10th

Prepared For

Bhavika KTK
G.G H.S.S MADAPPALLY

328VATAK001



ഈ മുഖ്യനിർണ്ണയം, നിങ്ങളുടെ നിലവിലെ കഴിവുകളും താല്പര്യങ്ങളും അടിസ്ഥാനമാക്കി തൊഴിൽ തിരഞ്ഞെടുക്കുന്നതിനുള്ള പ്രാഥമിക മാർഗ്ഗനിർദ്ദേശ മാത്രമായി കണക്കാക്കുക. ഇത് കാലാനുസരണം മാറും. തൊഴിൽ തിരഞ്ഞെടുപ്പുകൾക്കുള്ള പല ഉപകരണങ്ങളിൽ ഒന്നായി മാത്രം ഇതിനെ ഉപയോഗിക്കുക. കൂടുതൽ സമഗ്രമായ ഉപയോക്താക്കായി തൊഴിൽ മാർഗ്ഗനിർദ്ദേശ വിവരസമാഹരി സമീപിക്കുക.

‘LEAP’ Assessment – Standard 10

The students who have undertaken ‘LEAP’ psychometric test in Standard 8 and being tracked till Class 10 are given the ‘LEAP’ psychometric test. The test is specifically meant to assess the career cluster to which the student belongs. Based on the results of the test, a proper analysis is done by the career counsellors/Career Masters who are teachers of Higher Secondary/Vocational Higher Secondary wing. Here the Counsellors provide proper guidance and direction related to students’ higher study options and career prospects.



Assessment Report KSAT 8th

Assessment Report KSAT 10th

- Orientation of various career prospects by career guidance professionals
- Guidelines to improve learning skills.
- Under the continuous guidance of a trained Counsellor/Career Counsellor, the student and the parent become capable of making future choices.
- Students become capable of identifying their strengths and weakness, aptitude, interests, personality traits etc.
- Students become capable of selecting their academic, career fields based on their aptitude.
- Teachers become capable of providing support to students based on their aptitude.
- Teachers become capable of providing support to students based on their aptitude and interest.
- Students improve their academic performance.





Data driven decision making
The data from LEAP profiling can be used
during the process of curriculum development,
planning of career guidelines etc.

Academic improvement of students contributes
to satisfaction and employability among
students along with academic achievement.

Reputation and Reliability
This programme reflects a student's
commitment to learner's success and well
being.





Sariga
MESHSS Vemballoor

It was when I attended the LEAP aptitude test in the eighth standard that I first understood my true aptitude. I realised what more I needed to do in my studies and the hard work required to achieve my goals. I also became aware of the academic path necessary to pursue my dream career. I sincerely wish that all students receive this opportunity.



Diana J M
Psycho Social School Counsellor,
ICDS Chalakkudy
Woman & Child Development,
Thrissur

I had the opportunity to provide counselling to children based on the results of the scientifically designed psychometric test, LEAP. Guidance was offered to students on choosing suitable career paths according to their aptitudes, strengths, and areas for improvement as indicated in the test results. Through this programme, I realised how effectively children can be helped to identify their aptitudes and build a career aligned with them. Since counselling was given to both students and their parents together, parents were able to understand their ward's aptitude and support them accordingly. The programme implemented by Samagra Shiksha Kerala is truly valuable in every sense.



About STARS

STARS (Strengthening Teaching-learning and Results for States) is an education project designed and implemented by the Central Government with World Bank assistance to improve education standards. Among the states of Himachal Pradesh, Odisha, Rajasthan, Madhya Pradesh, and Kerala implementing this project, Kerala was included considering its excellent education quality index. Kerala has been receiving the benefits of the STARS project since 2021. Numerous suitable and commendable education programmes for Kerala have been implemented as part of the STARS project.

This booklet presents one of the most important activities among them.

