



# Altura

macmillan education

Advancing Learning and Teaching  
Using Resources and Assessments

Aligned to the National Education Policy 2020

Endorsed by

*Integrated Blended Learning Solution  
Classes 1 to 5*

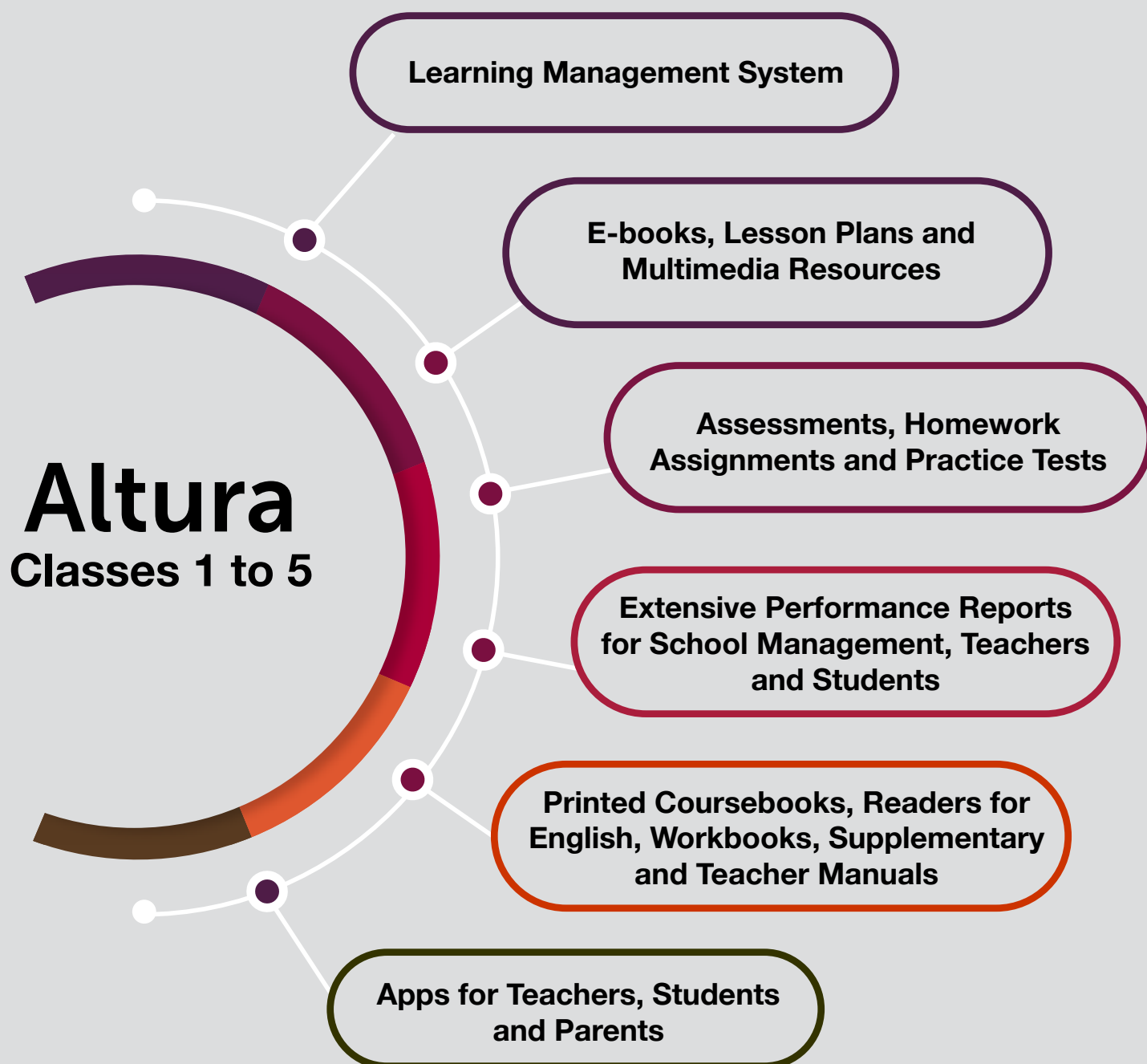


Foundation for Innovation  
and Technology Transfer, IIT Delhi





**Altura is an integrated blended learning solution for progressive schools.**





**Altura will enable schools to move to the next level of performance through innovative learning resources and assessments.**

Classes	Subjects
1-2	Mathematics, English and Environmental Sciences
3-5	Mathematics, English, Social Studies and Science

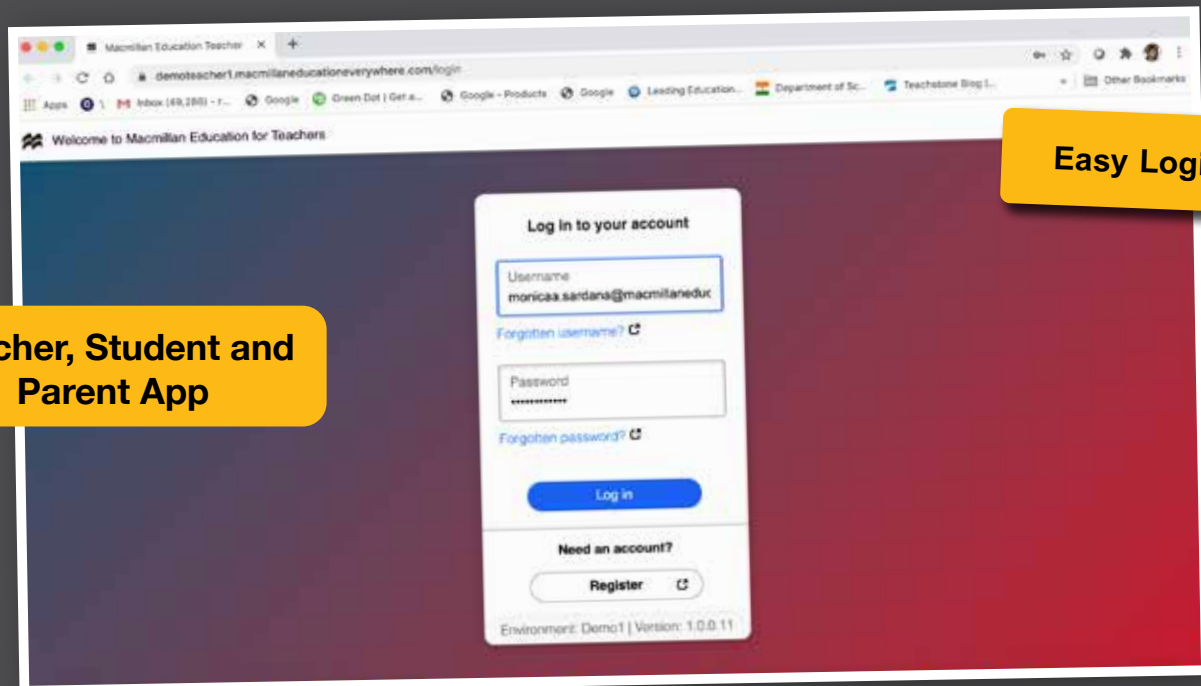
### 4A Approach – Assessment and Remediation







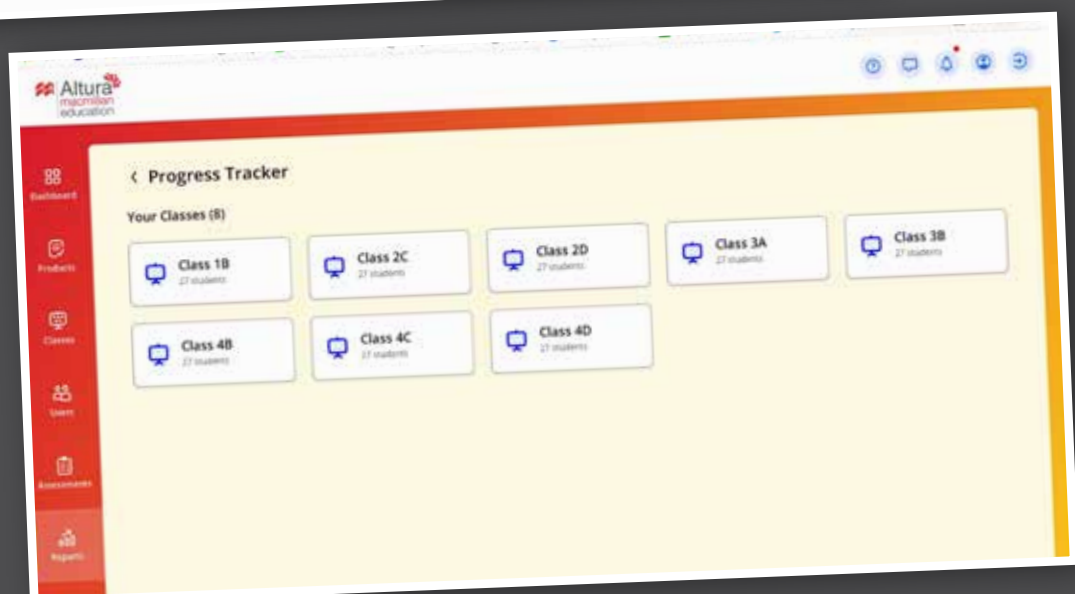
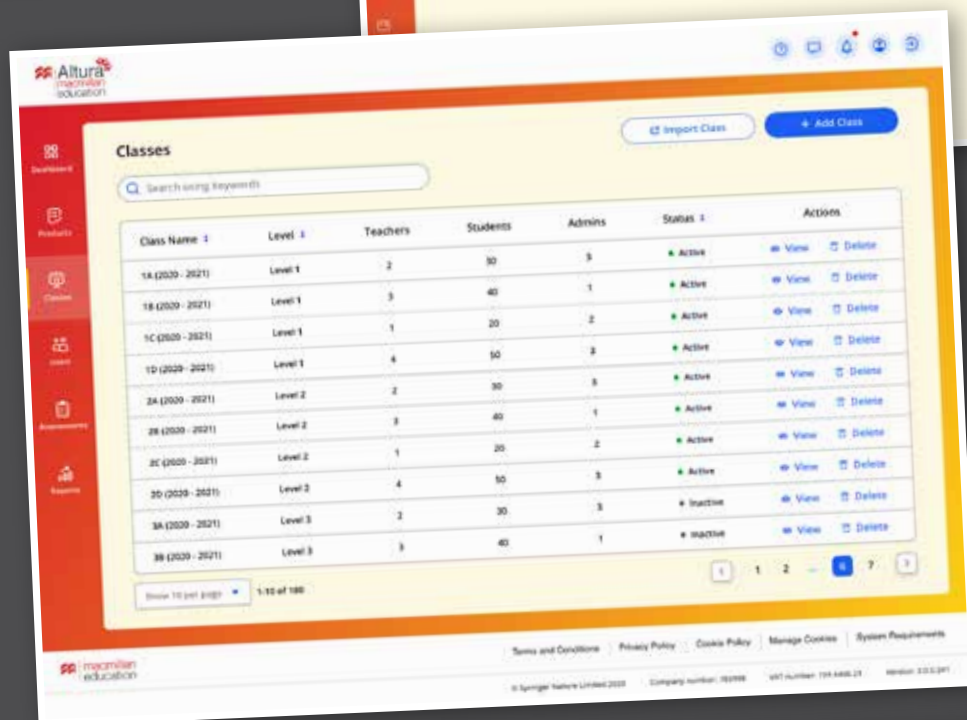
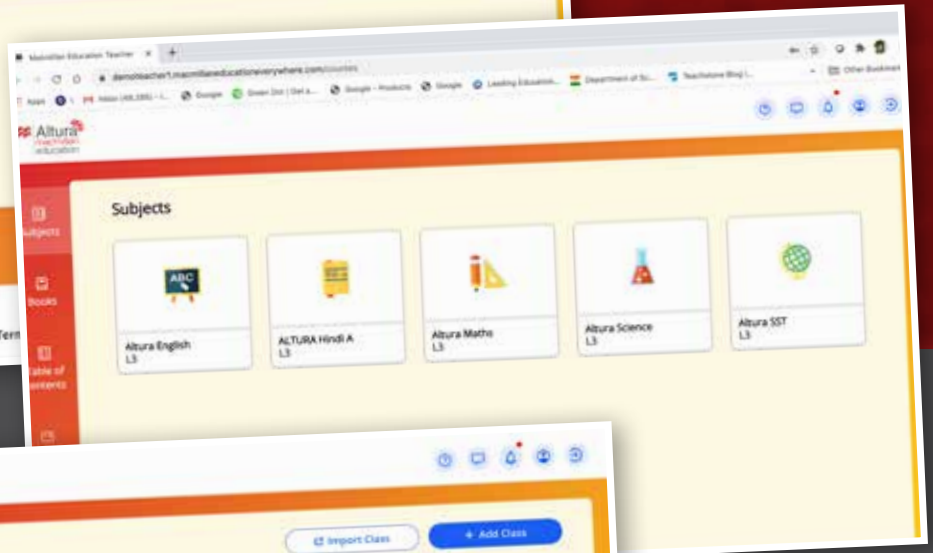
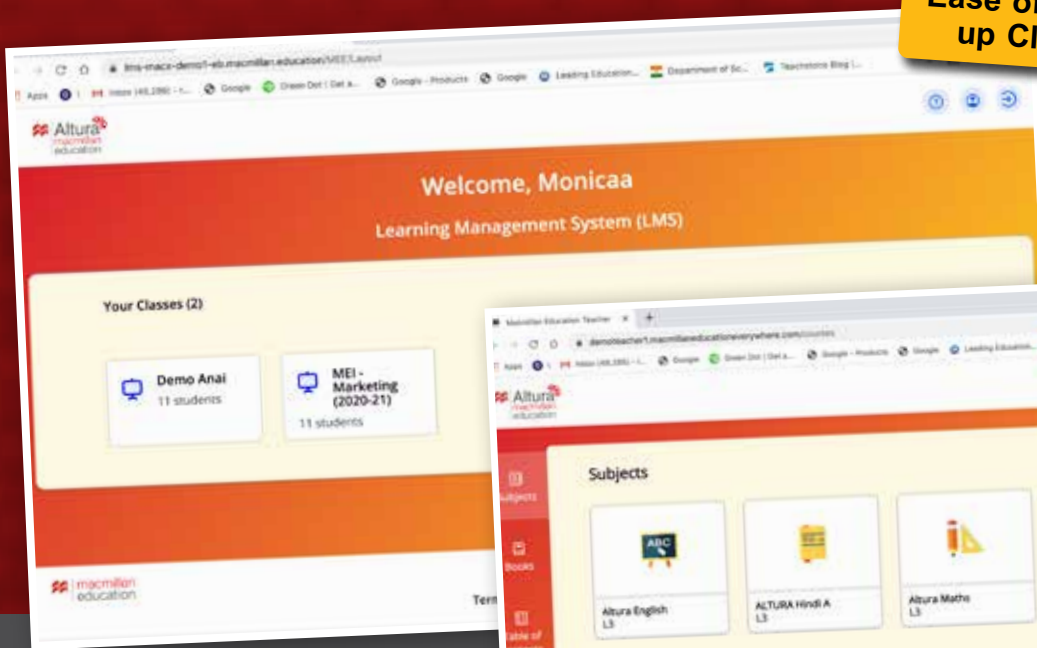
# Harnessing Technology for Engaging and Effective Classroom Interactions



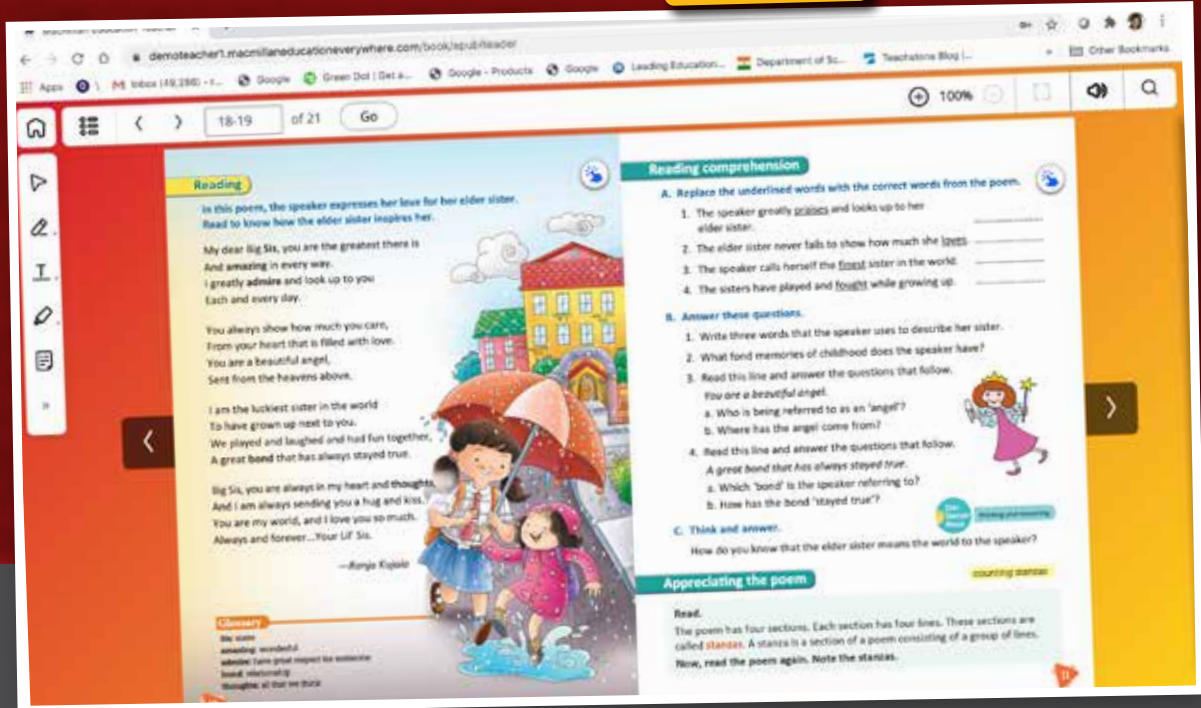
- Multiple Delivery Formats – Online and Offline
- Works on all Operating Systems: Windows (10+), Linux (Ubuntu), Macintosh, Chromebook; Mobile: Android, iOS
- Works on browsers: Chrome, Firefox, Edge, Safari and Chromebook
- Integration with virtual classroom software Google Classrooms, Microsoft Teams, Zoom and more



Ease of Setting  
up Classes







The screenshot shows a web browser displaying an e-reader interface. The main content is a poem titled "My Sister" by Rumi Kigiko. The poem is written in a simple, heartfelt style, expressing love and admiration for an elder sister. To the right of the poem are reading comprehension exercises, including multiple-choice questions and a short-answer question. The interface also includes a sidebar with navigation icons and a top bar with browser tabs and a search bar.

**Reading**

In this poem, the speaker expresses her love for her elder sister. Read to know how the elder sister inspires her.

My dear Big Sis, you are the greatest there is  
And amazing in every way.  
I greatly admire and look up to you  
Each and every day.

You always show how much you care,  
From your heart that is filled with love.  
You are a beautiful angel,  
Sent from the heavens above.

I am the luckiest sister in the world  
To have grown up next to you.  
We played and laughed and had fun together,  
A great bond that has always stayed true.

Big Sis, you are always in my heart and thoughts,  
And I am always sending you a hug and kiss.  
You are my world, and I love you so much.  
Always and forever...Your Lf Sis.

—Rumi Kigiko

**Reading comprehension**

A. Replace the underlined words with the correct words from the poem.

- The speaker greatly admires and looks up to her elder sister.
- The elder sister never fails to show how much she loves.
- The speaker calls herself the lucky sister in the world.
- The sisters have played and laughed while growing up.

B. Answer these questions.

- Write three words that the speaker uses to describe her sister.
- What fond memories of childhood does the speaker have?
- Read this line and answer the questions that follow.  
You are a beautiful angel.  
a. Who is being referred to as an 'angel'?
- Where has the angel come from?
- Read this line and answer the questions that follow.  
A great bond that has always stayed true.  
a. Which 'bond' is the speaker referring to?
- How has the bond 'stayed true'?

C. Think and answer.

How do you know that the elder sister means the world to the speaker?

**Appreciating the poem**

Read.

The poem has four sections. Each section has four lines. These sections are called **stanzas**. A stanza is a section of a poem consisting of a group of lines.

Now, read the poem again. Note the stanzas.

## Teacher Resource Centre

### About the Poem

This poem is about a girl writing a letter to her big sister. She describes how grateful she is for all the love and care her elder sister has bestowed on her. She even compares her sister to an angel from heaven.

The poem describes **love between siblings** that comes from caring and doing things for each other.

The poem describes **love between siblings** that comes from caring and doing things for each other.

Book title: *Altura English Reader 3*

Unit 1: FAMILY

## HEIDI AND HER GRANDFATHER

Periods
(Period 1)
[...]

### Period 1

45minutes

#### Learning outcomes

The students will be able to:

- express feelings and empathy by reflecting and sharing experiences
- recount precious moments spent with family
- read the text fluently
- develop reading, listening and comprehension skills
- learn new words and enhance their vocabulary

#### Resources

Textbook, Digital Resources and the picture related to the story (page 2)

#### Concept Map

*Altura.pptx* Concept map alt text

Level	Description
Knowledge	To know and remember specific facts, terms, concepts, principles or theories
Comprehension	To understand, interpret, compare, contrast, explain
Application	To apply knowledge in new situations to solve problems using required knowledge or skills
Analysis	To identify the organizational structure of something; to identify parts, relationships, and organizing principles
Synthesis	To create something; to integrate ideas into a solution, to propose an action plan, to formulate a new classification scheme
Evaluation	To judge the quality of something based on its adequacy, value, logic or use

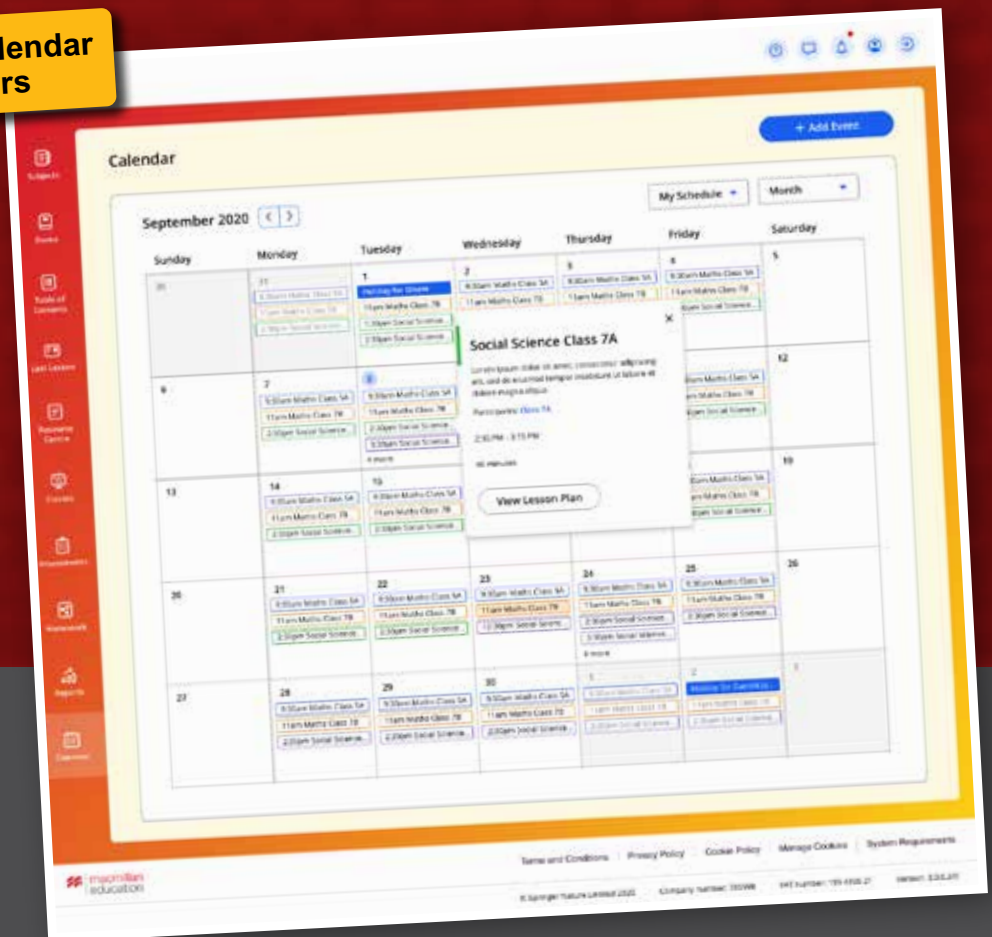
Adapted from California State University, Fullerton, PACT Outcomes Assessment Handbook (1999)

### Bloom's Taxonomy (Revised)

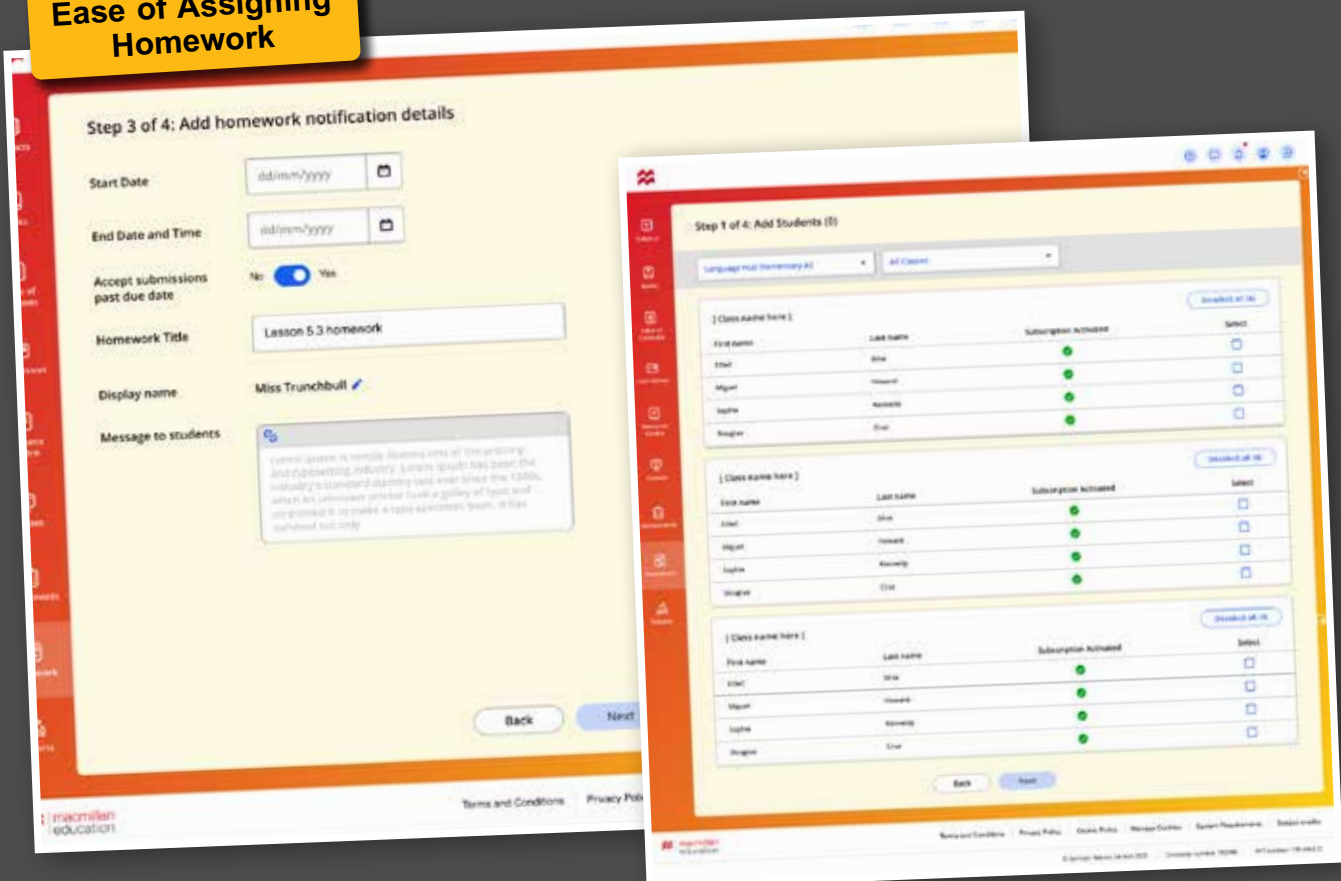




## Scheduling Calendar for Teachers

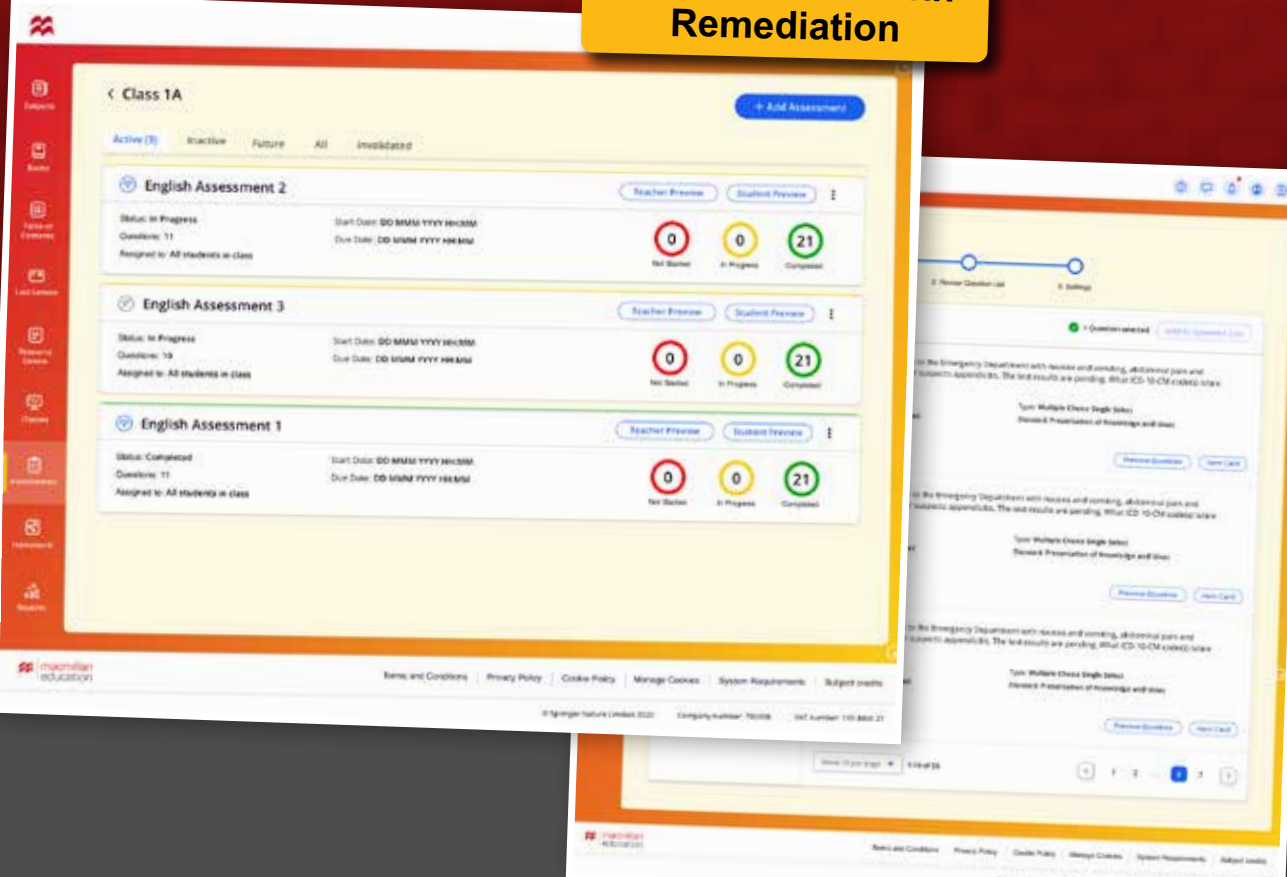


## Ease of Assigning Homework





## Variety of Assessments with Remediation



**Class 1A**

**English Assessment 2**

Status: In Progress | Start Date: 00 MM/YY HH:MM | Due Date: 00 MM/YY HH:MM

Questions: 11 | Assigned to: All students in class

Progress: 0 Not Started, 0 In Progress, 21 Completed

**English Assessment 3**

Status: In Progress | Start Date: 00 MM/YY HH:MM | Due Date: 00 MM/YY HH:MM

Questions: 10 | Assigned to: All students in class

Progress: 0 Not Started, 0 In Progress, 21 Completed


**English Assessment 1**

Status: Completed | Start Date: 00 MM/YY HH:MM | Due Date: 00 MM/YY HH:MM

Questions: 11 | Assigned to: All students in class

Progress: 0 Not Started, 0 In Progress, 21 Completed

## Detailed Performance and Progress Reports



**Dashboard**

Subsidiary: 6 | Classes: 25 | Students: 1334 | Teachers: 132

**Students Performance**

Bar chart showing performance across five subjects (English, Math, Science, Social Science, Hindi) for five classes (Class 1 to Class 5).

**Activities Notification**

- Suresh Dhillon added 5 new students to Class 1B.
- Abhay Kumar assigned Social Science Assessment to Class 1A.
- Sunika Gaur has finished the Maths Assessment Class 2.
- Pratyusha Ramjee has finished the Maths Assessment Class 2.
- Sunil Chatterjee has finished the Maths Assessment Class 2.
- Suresh Dhillon added 5 new students to Class 2B.
- Abhay Kumar assigned Science Assessment to Class 3A.
- Abhay Kumar assigned Maths Assessment to Class 3A.

**Messages**

**Upcoming Assessments**

Subject	Class	Date	Time
Science	Class 2A	9 Sep	9:00 AM
Maths	Class 2B	9 Sep	2:30 PM
Social Science	Class 3C	9 Sep	11:00 AM
Social Science	Class 3C	10 Sep	12:00 PM
Hindi A	Class 3C	10 Sep	10:00 AM
Hindi B	Class 3B	10 Sep	10:00 AM
Science	Class 3A	10 Sep	11:00 AM
English	Class 3B	10 Sep	9:30 PM
Science	Class 4B	11 Sep	2:00 PM
Maths	Class 5A	12 Sep	11:00 AM
Social Science	Class 4A	12 Sep	9:30 AM
Social Science	Class 3A	13 Sep	10:00 AM



## Self-Learning Resources



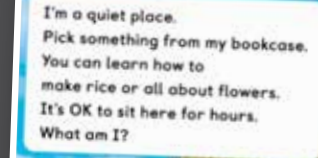
**Student Resource  
Centre**



**Additional  
Grammar Practice**



## Story Time





- For classes 1 to 5
- Coursebooks
- Workbooks
- Supplementary Readers (English)
- Teacher Manuals

## Aligned to National Education Policy 2020

**Cross-curricular Connections**

**Art-integrated Learning**



**Interdisciplinary approach, teaching through music...**

**360-degree holistic progress card provides continuous and comprehensive assessments in the cognitive, affective and psychomotor domains**

**Theme-based activities help in holistic learning, and integrating knowledge across subjects**

**Holistic Assessment**







## Project-based Learning

**PROJECT-BASED LEARNING** Duration: 8 Weeks

**Learning Outcomes**  
After the completion of the project, learners will be able to:

- develop the knowledge and understanding of different kinds of foods/breakfasts preferred by the people of different states of India
- analyse the nutrient values of the foods
- evaluate the reasons for the choice of cuisine in a particular state

**21st Century Skills**

- Critical thinking and problem solving
- Leadership and responsibility
- Initiative and self-direction
- Communication
- Collaboration
- Productivity and adaptability
- Life Skills—Social skills
- Art integrated learning
- ICT Skills—Data collection
- Life Skills—Planning and execution

**Curricular Connections**

- Language
- Science
- Technology
- Art

**Exploring the popular breakfasts of different states of India**

**Note to the Teacher**

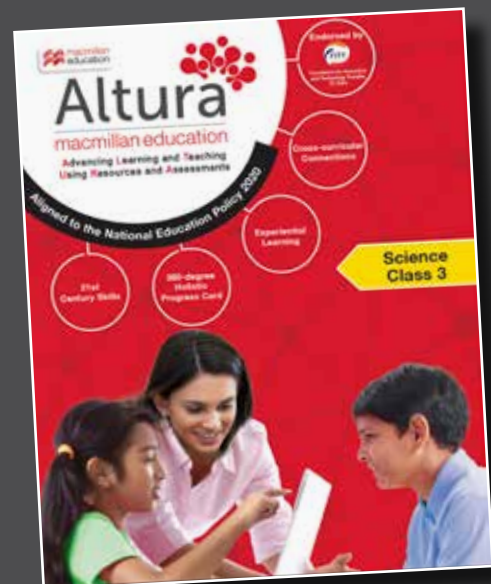
- Guide learners how to observe and record accurately what they observe, hear and feel during the conversation with people.
- Assist them to prepare a questionnaire with relevant questions.
- Collect data through call or any electronic media.
- Use simple fieldwork techniques in activities
- Use for (a) the interaction with people, (b) the evaluation of what has been observed, and (c) the conclusion for the reason behind the choice of food in a particular region.

**Objectives**

After completing this project-based learning activity, learners will be able to:

- analyse questionnaires, photographs, stories, interviews and other writings about different breakfasts of different states as primary data.
- develop a plan for investigating the reason for primary data to understand the reason for choosing the breakfast items in the respective states/communities.

Classroom/home-based group projects that help to develop research skills



## Workbook Connect

**Worksheet 7** Unit 10: A Day of Celebrations

**PLAY A SAFE HOLI**

**Reading**

This passage tells us about some practices that we need to follow while playing Holi. Read to know.

Holi, the festival of colours and joy, is celebrated in almost all the states of India. In some places, however, many people do not play it in the right spirit. They use dirty water, adulterated colours and indulge in smashing and breaking things.

**Practise**

1. Write these sentences using capital letters, full stops, commas and question marks, as required.

1. Holi is celebrated in almost all the states of India.
2. Last month I went to graze and saw the animals.
3. Where are you going?
4. The capital of Denmark is Copenhagen.
5. Are you coming with me?
6. At last! We will go to the park to play board games and...

**Practise**

Write these words about. Then, write the correct sentence.

1. animals
2. swimming
3. helicopter
4. important
5. experience
6. buildings

The workbooks ensure that learners get adequate practise of the skills taught in the Readers.

## 21st Century Skills

In the 21st-century classroom, it is necessary to prepare students with the skills and abilities that will enable them to succeed in the 21st century. The following table lists the 21st-century skills and the corresponding page numbers in the Readers.

Domains of Skills	Page Numbers
Critical Thinking	6, 11, 20, 25, 32, 54, 52, 54, 67, 75, 77, 82, 83, 84, 85, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Skill-based activities



- Aligned to NEP 2020
- Instructional Design by FITT, IIT Delhi
- Designed for 21<sup>st</sup> Century Schools
- Experiential Approach
- Promotes Blended Teaching and Learning
- Anytime Anywhere Learning with Apps
- Art and Sports Integration
- 4 A approach to Assessment and Remediation

	Goal	Altura Features
<b>School</b>	School Reputation and Holistic Development of Students	Blended solution from a reputed education company and Instructional Design approved by FITT-IIT, Delhi. Altura resources are mapped to NEP 2020. Altura captures data of resource usage by teachers and students and gives performance and progress reports
<b>Teacher</b>	Effective Teaching and Assessments	Digital resources, Classroom management tools, Homework Assignments, Micro Lesson Plans, Assessments, Remediation, Test Generator, Grade Reports and Student Performance Reports
<b>Parent</b>	Visibility into Child's Performance	Detailed Performance Reports
<b>Student</b>	Conceptual Clarity and Learning with fun	Engaging print and digital resources, with games for practice





	Altura Advantages	Altura Benefits
School	Enhance academic performance and manage teaching-learning through blended approach. Altura includes all e-learning resources at a single place and reports for school, teacher and student performance. It is supplemented with print books, teacher training with teacher and parent app	Trust Macmillan quality and one stop school solution
Teacher	With extensive teaching support, 'released' time can be used for higher classroom interactions and better understanding of students' performance	Teachers get 'More Me Time' for personal and professional development
Parent	See areas of strength and improvement, 360 degree report to get true picture of performance	Can support child in reaching her/his potential
Student	Self-learning through video lectures, can see and access e-books, assignments and challenges at one place	Conceptual clarity and ownership of learning



# Training Services

**Macmillan will support school managements, teachers, students and parents to smoothly transition to Altura through the following services:**

Type of session	Topic	Management	Teachers	Students	Parents
Orientation	Embracing technology - covers Altura benefits and services	✓	✓		✓
Implementation	<ul style="list-style-type: none"> <li>Defining and setting up roles</li> <li>Setting up classes and uploading student data</li> <li>Exploring teaching-learning resources</li> </ul>	✓	✓		
Usage	<ul style="list-style-type: none"> <li>Understanding assessments</li> <li>Recommendation and Remediation</li> <li>Performance reports</li> <li>Homework assignment</li> <li>Calendar and notifications</li> </ul>	✓	✓		✓
Workshop	Conducting a class using Altura Pedagogy		✓		
Expert Sessions	Subject Specific Pedagogy		✓		
Classroom Discussions	Review of Altura Usage and Support		✓		
School Reviews	Planning/Dashboard	✓			
Online Expert Webinars	21st Century Skill Development/Parenting/ Aptitude	✓	✓		✓
Online Contests	Mental Maths/GK			✓	
Online Budding Scientist Programme	STEM			✓	
Recognition Teachers & School	Creativity in Pedagogy/ Improvement in Student Learning	✓	✓		





## We listen to our customers, aspire to meet their needs and resolve their concerns.

Macmillan has thrived in the Indian education space for over 127 years by virtue of its' strong and lasting relationships with educators and schools. Supporting our customers is a top priority for us. To help you get the most of **Altura** for your teaching, we have the following options for you to reach us

- **Phone Support**

You can call Macmillan whenever you encounter an issue or need help in mastering a tool. Our phone lines are open from 7 am to 7 pm. Our phone support knows how to handle basic login and can support you with navigation on **Altura**.

- **Email**

For any pedagogical queries on the content (print or digital), please drop a email us at [in.alturasupport@macmillaneducation.com](mailto:in.alturasupport@macmillaneducation.com) and we will get back to you within 48 hours. We would be happy to receive feedback and respond to any queries or doubts that you may have.

- **Online FAQ**

Frequently asked questions are periodically updated by Macmillan and cover the most often experienced concerns or challenges, such as how to change a user's password, access resources or generate reports within **Altura**. Visit us at <https://macmillaneducation.secure.force.com/help/> and search for **Altura**.

- **Knowledge Base**

**Altura** has online training tutorials and video demos that explain how to access resources and are available on the dashboard. An online training library that users can access to improve the functionality of the tool and quickly troubleshoot common issues is also available. Visit our Youtube Channel to access the videos.

- **Webinars**

Webinars give us a chance to speak with you directly, to overcome common challenges and increase effectiveness. For example, how to use the reporting features to track your online training objectives and identify top performers. We could record and share webinars with you.





**Altura** by Macmillan Education, is a solid step forward in school education, it incorporates project based learning, and focusses on 'how to learn' rather than 'what to learn', which is what we do at IIT. Altura will go a long way towards igniting curiosity and innovation in young minds, who will take the world forward in the 21st century.

—Professor Aditya Mittal, Indian Institute of Technology, Delhi



**Altura**, by Macmillan Education India, is designed for a truly enriching learning experience. It empowers young learners through a multi-disciplinary approach and active engagement of all senses and intelligences. It ignites learners' curiosity and helps them to think about and critically evaluate what they learn. With creative exploration at its heart, **Altura** is designed for problem-solvers and innovators of tomorrow.

—Dr Amrita Vohra,  
Director Education, GEMS Education, India,  
& Executive Principal, GEMS International School, Gurugram



The recent shift to online schooling, had teachers juggling different virtual classroom tools, developing and sharing resources on messaging platforms. This was challenging and time consuming. What schools really require is an integrated solution where all their resources and assessments are available and can be accessed in both online and offline mode. I believe that **Altura**, developed by Macmillan Education, will meet all of the above school needs.

—Ms Shalini Nambiar (School Consultant and Trainer)



As a parent, I want to be aware of my children's progress in class so that I can support them in their learning. In case they are absent, I should be able to access their assignments – **Altura** gives me this visibility.

—Mrs. Manju Menon (Parent)

'My daughter enjoys learning and is always racing ahead of the class. What she needs is extra learning resources to stay challenged and motivated. **Altura** has gaming built-in for students. I look forward to having it for my daughter.'

— Mr. Ravinder Kishore (Parent)

**Contact Macmillan Sales Team for Demo of Altura**

**[in.alturasupport@macmillaneducation.com](mailto:in.alturasupport@macmillaneducation.com)**

