

New in September 2021

# Brand New Student Experience, Same Great Matific Content



# With Matific, Math becomes a **fun journey** of discovery

We believe that math should be fun, engaging, and chock full of “Aha!” moments. So, we’re regularly innovating and improving Matific for an even better Student Experience! With the help of our experts on the Academic Board, we’ve used cutting edge research to create an all new Student Experience you can enjoy beginning in September 2021!



## What Does the **New Student Experience** Include?

### 1 **A game-based immersive learning experience**

Explore new math concepts, practice skills, solve challenges, and have fun!

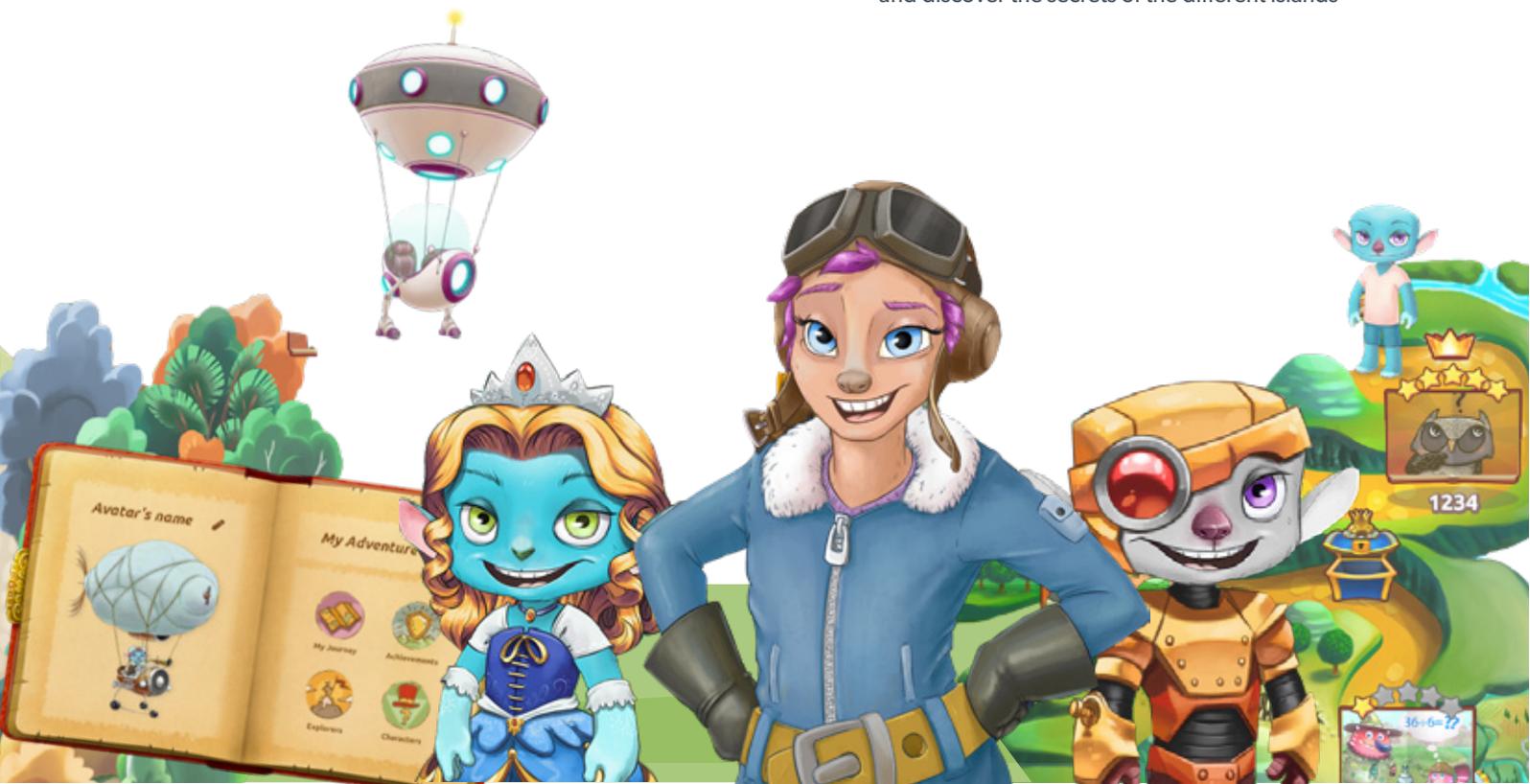
Welcome to Matific, where students engage with a rich and interactive learning environment featuring original storylines, avatars, and artwork that is sure to captivate your students! We understand not all students learn at the same pace, that's why Matific offers a personalized learning experience mapped to each student's skill level which builds confidence in a FUN & ENGAGING manner.

Guided by a personal mentor named Yedi, students use their math skills in a story context to explore and earn achievements, navigate through challenges, and go on mathematical adventures.

The new Student Experience is specially designed to help students tap into their own internal motivation to learn math skills. The gamification elements add a layer of extrinsic motivation to keep students engaged and excited to play.

#### Here are some key features of the new Student Experience:

- ✓ Create and customize your own avatar
- ✓ Explore different islands by going on mathematical journeys guided by their personal mentor, Yedi
- ✓ Matific grows with your students! All elements of Matific will mature as students advance into higher grades
- ✓ Find all assigned activities by the teacher (or the parent) in the "Assigned Island"
- ✓ Practice specific targeted skills in the "Training Zone"
- ✓ Challenge and compete with rivals in their class or around the world in the "Arena" that's full of fantastic activities (Available in 2022)
- ✓ "My Adventure Book" brings a sense of fun and achievement. It includes:
  - A full account of a student's effort and accomplishments
  - An opportunity to meet and discover the wonderful Matific characters, and learn about their amazing world
  - Inspiration for students to explore every part of Matific and discover the secrets of the different islands



## 2 A personalized and adaptive learning path

Each student learns at their own pace in the Adventure Island

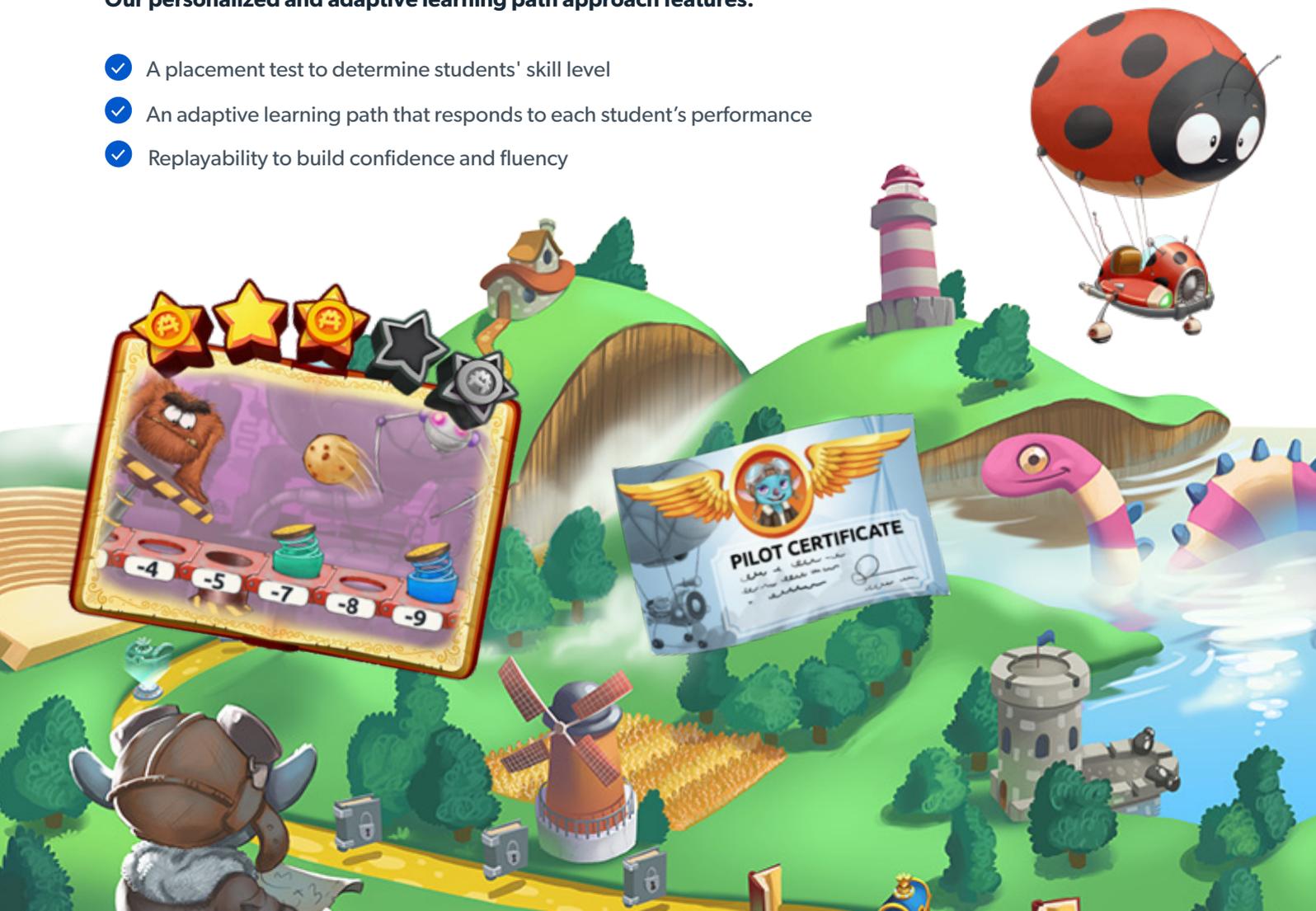
Matific sets students up for success by providing each new student with a 20-25 question placement test to determine the student's skill level. The test is woven into the storyline and sets students off on the right path in Adventure Island. As always, detailed student scores are available for teachers or parents to view.

Adventure Island is a fully adaptive experience, automatically adjusting the activities students see to match their individual level of understanding and unique learning style. This adaptive algorithm was developed by our team in consultation with Matific's Academic Board to maximize learning outcomes and proactively intervene to extend and assist in all aspects of the learning process.

Students progressing well through a topic encounter progressively more difficult activities, and if they continue to succeed they will move on to the next topic identified as "ready to learn". Other students will take their time, completing a more gentle path through the content with lots of opportunities to consolidate their new-found knowledge. And for students who encounter significant difficulties, the algorithm will move them back to an appropriate prerequisite to help them grow where they need to. All students are given plenty of opportunities to play and replay activities to ensure they truly master each skill, both while they're learning it for the first time, and included as spaced repetition when they move on to other topics.

### Our personalized and adaptive learning path approach features:

- ✓ A placement test to determine students' skill level
- ✓ An adaptive learning path that responds to each student's performance
- ✓ Replayability to build confidence and fluency



### 3 A 3-tier rewards system to motivate students

Matific makes students eager to try new lessons and perfect their math skills

Using game-based learning, our next-generation platform rewards student progress so that students are motivated to play more! As students advance, they collect items that let them personalize their in-game character in different ways, motivating them to continue playing and learning and allowing them to express creativity.

Rewards are performance-based, meaning the better a student performs, the better the reward. There are low, medium, and high level rewards, and students can always replay activities to unlock the highest level.

#### The rewards system includes:

- ✓ Avatar personalization and customization options unlocked through play
- ✓ Three reward tiers to acknowledge and motivate good performance
- ✓ Collectable items and upgrades to celebrate progression
- ✓ 3-tiers to motivate improved performance



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## Work is easy to assign

Easily assign challenging activities to help your students achieve their full potential in math

Looking to work with your students in class or assign them homework? Perhaps you need to cover certain curriculum standards. Assign engaging activities on a specific topic via our Homework, Schoolwork, and Parent Assigned activities area.

### Homework & Schoolwork

Teachers have access to the entire Matific catalogue, and are able to assign specific activities to their students - their whole class, groups of students, or even individual students. It's easy to find activities - whether searching or browsing the catalogue, we make sure you can find what you're looking for quickly.

**Once you've found some activities you like, you have full control over:**

- ✓ What topics / activities you want to assign
- ✓ Which students receive the activities
- ✓ The order that students encounter the activities
- ✓ Whether the activities are intended for classwork or homework

**With these tools it's easier than ever before to:**

- ✓ Target specific topics for a whole class
- ✓ Meet curriculum requirements
- ✓ Assign extension and enrichment activities
- ✓ Provide targeted, personalized support for students who need it

### Parent Assignment

Parents are empowered to play an active role in their child's education by complementing and reinforcing what their child is learning at school. Optionally, parents can assign work that targets topics where their child could improve or challenge them with new, more advanced math skills. Their child will also receive rewards for completing parent-assigned work! All activities assigned by parents reside in a completely separate area, so there's never any mixup between work assigned by the teacher or the parent.



## 5 The Training Zone

Practise specific skills

Here, students really hone in on their skills and grow their confidence! In the Training Zone, students have access to unlimited mathematics practice by specific topics or skills. Simply browse and pick the skill they'd like to practice and get to work! Each skill has an overall score, motivating students to improve their scores. Feedback is immediate, helping students adjust for mistakes and see their growth in real-time. Students can also see how their scores compare with the global average score.

### The Training Zone offers:

- ✓ Infinite math skills
- ✓ Unlimited practice
- ✓ Real-time progress reports

## Already have a Matific subscription?

When your students sign in to their Matific Student Account in September 2021, they will be met with our new Student Experience!

Have questions about the new Student Experience?

[Get in touch with our team!](#)

