... because our future is in your hands.

What is it?

The App Challenge is a BSME app design competition. This will be hosted by The Pearl Academy, Abu Dhabi.

It is designed to support the English National Curriculum Computing Programs of study and UAE MOE Moral Education Curriculum whist giving children real purpose to their learning. The App Challenge will provide a creative opportunity for children to develop their moral and social responsibilities whist preparing for their roles as leaders of the future.

The challenge is designed to develop skills identified in Future of Jobs Report, World Economic Forum, 2017.

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgement and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

The final presentations will be shared with all participating schools for feedback to promote peer assessment and encourage collaborative learning.

Judging

A team of panellists will judge entries based on the following criteria:

- App design
- Problem Solving
- Team work and collaborative learning
- Creativity
- Presentation skills

The competition is free to enter.
It is open to year 6 pupils who may work in teams of up to 6.
No technology is required for this competition however should you wish to make the app this will also be accepted.
Entries must be submitted electronically.

Awards

Awards will be communicated towards the end of the competition.

The Challenge

Children must work in a team to decide on a real world problem they wish to solve.
Teams must create a design brief for the app including a suitable name.
They will record how they worked together to address the problem and find a solution.
Prepare and submit a presentation (paper based, video, Sway etc.)

Problems may be big or small, local, regional or global but they must be real world problems.

Examples;

Too much plastic is used around the world and this is causing a problem in the oceans.
The app designed could encourage pre-cycling by reminding you to take your reusable bags and food boxes to the shop when you go shopping each week. It may be linked to your shopping list to calculate how many bags/containers you will need.

The carbon footprint of the food we eat is increasing and this results in increased pollution.
The app designed could link to your GPS and calendar to suggest recipes made from food that is locally sourced and in season.

How to Register

If you wish to register for this competition please sign up:
[Here](#)

Dates

Term 1
1st November 2020 - Launch to BSME schools
10th December 2020 – Registration deadline. Schools must register participation.
(BSMEappchallenge@thepearlacademy.sch.ae)

Term 2
Schools continue work on developing the app and presentation.
Schools to select the two teams who will be entered in the competition and submit entries.
11th March 2021 - Mid Term Review to be completed by teams.

Term 3
13th May 2021 - Last days for entries to be submitted.
17th June 2021 - Winners announced and prizes awarded.