



# Exploring High Quality 21st Century Schools: A Family Project Guide for the Age of AI and the Fourth Industrial Revolution (4iR)

## Introduction

Our aim is to help educate our community and help you find the correct school for your family. At Aidi School, we are all learners—students, teachers, leaders, and parents. This project encourages you to explore the following research questions and any others you discover, not only on our open day but as an ongoing journey while you investigate other schools' open days. Use both the resources we provide and any external resources you locate.

Tip: Take notes and make connections between questions—deep learning happens when ideas intersect!

## Project Tips & Inspiration

- Use color-coded notes to organize your findings from different sources.
- As well as listening to lectures and using AI for research, discuss your ideas with teachers, school leaders from various schools, family, and friends for new perspectives.
- Try to develop a family project that everyone understands at an age-appropriate level.

## Your Central Research Question

**What are the characteristics of a high quality 21st century school in the age of AI/4iR?**

## Subquestions to Guide Your Inquiry

**What is the 4iR? Understand the Fourth Industrial Revolution and its impact on education.**

**What do young people need to thrive in the next 10–20 years?**

**How do schools cultivate the unique talent of every student in the real world?  
What are schools teaching to cultivate the competencies that underpin this talent?**

**How does regular subject teaching versus PBL ideally function in the 21<sup>st</sup> century?**

**What kinds of authentic multidisciplinary learning are available?**

**How do the schools update teacher knowledge for generating this new kind of learning? What are the markers of high quality teacher professional development?**

**How do students explicitly learn about the dramatic social changes and new roles?**

**What efforts are made to teach digital literacy and safety and why is this particularly important now?**

**What do parents need to learn to help their children develop into healthy, happy, and successful people in the age of AI and the 4<sup>th</sup> industrial revolution?**

**What other subquestions do I need to know?**

## Let the Journey Begin!

Embrace your curiosity and creativity. These questions are just as important for your family to understand as they are for schools to understand and articulate. This handout is your launchpad into understanding what makes a school truly, and therefore your child, successful in our rapidly changing world. Good luck!