

BUILDING A CULTURE OF INNOVATION



Dr Iain Hennessey, Clinical Director of Innovation - Alder Hey Children's Hospital

Innovation is...
a fresh idea implemented
to achieve value

State of the
Art facilities

like having
the keys to
a Ferrari!



1 Identify the problem

2 Work up the problem

3 Identify partners

4 Work with partners to try out solutions

Innovation
to fix the
Problem

The Innovation Hub creates a safe space
for people to get together

partnership is
essential!!!

Five areas of cutting edge technology to foster a culture of innovation

UX "WOW FACTOR"

Partnered with a theme park company to improve experiences for children

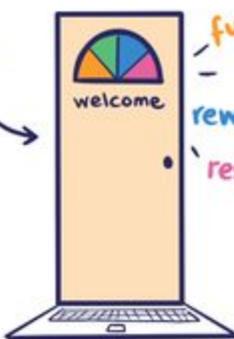


led to developments such as interactive digital aquariums in waiting areas

calmer, happier children

DIGITAL PLATFORMS

its like a digital front door



fun
games
rewards
resources

Alderplay developed as the hospital's digital platform

HEALTH TECH

rapid prototyping

Some examples include:-

- use of 3D printing technology
↳ create artificial bones to test out innovative procedures



Provides safety in trying out new procedures and processes

- development of functional transparent masks



PRE-EMPTIVE AI-DATA

developed a chat bot for children



answered 30k questions and reduced anxiety



use data to look for patterns
↳ inform interventions

IMMERSIVE HEALTH

Augmented reality can innovate health practice



for example:

pre-operative planning

supporting behavioural therapies