

# 01 – Discover Extraordinary Computing

Fun Center HPC

The whole purpose of Fun Center HPC is that people of all ages would encounter computers that are far more capable than any they have ever encountered before, in a fun and safe space.

— Jesse Ryan Jensen



Fun & Safe Space

High-Powered Workstations

People of All Ages

Create, Learn, Play

Games, Design, Music & Storytelling

Kiosks & Tablets

Explore Big Ideas

A concept for independently owned participating fun centers.

## REAL-WORLD OPPORTUNITIES

Extraordinary computing can help solve real problems and create a brighter tomorrow.



Housing  
& Shelter



Nutritious  
Food



Clean  
Water



Transportation



Communication



Education



Healthcare



Clothing



Sanitation



Sanitation



Energy



Safety



# 02 – Software, Games & Tools

## What can people do with extraordinary computing?

Fun Center HPC



### Software

Create, design, compose and tell stories.



#### CAD/CAM for City Planning

Design neighborhoods, parks and public spaces and bring ideas to life.



#### Digital Audio Workstations

Create music, from popular songs to new works orchestral compositions.



#### Storybuilding & Screenwriting

Develop characters, worlds and scripts with powerful creative tools.



#### Bespoke Software with Fun Centers

Custom applications for unique learning, creative and community experiences.



PEOPLE  
IDEAS  
SOFTWARE  
GAMES  
TOOLS  
BRIGHTER  
TOMORROW

CREATE  
PLAY  
EXPLORE  
DESIGN  
TOGETHER



### Games

Play, create and share amazing worlds.



#### Bespoke Game Options

Fun, educational games designed with and for fun centers.



#### Play, Test, Design and Improve

Try games, give feedback, design new ideas and make them better together.



#### Collaborate Across Fun Centers

Team up with people at other centers for creative and friendly challenges.



### Tools

Explore, discover and solve real-world problems.



#### The Internet Science Museum

A global digital museum of science, engineering, people and ideas.



#### STEAM Toolbar

Helpful tools for Science, Technology, Engineering, Arts and Math.



#### Research, Exploration and Practical Tools

Discover, learn, analyze and solve real-world



#### Future Explorations

Some outside relationships are possible future explorations.



### SOFTWARE

Create and Express



CAD/CAM  
City Planning



Audio  
Production



Storybuilding  
& Screenwriting



Bespoke  
Applications



### GAMES

Play and Create



Play  
Games



Design  
& Improve



Collaborate  
Across Centers



Friendly  
Challenges



### TOOLS

Explore and Solve



Internet  
Science Museum



STEAM  
Toolbar



Research &  
Discovery



Future  
Explorations



#### Possible Partnerships To Explore

Autodesk  
Sony  
PreSonus

Adobe  
NASA  
Reason Studios

Nintendo



# 03 – Opportunities For Improvement

How can extraordinary computing help people, places and communities?

Fun Center HPC

Extraordinary computing can help people explore better ideas for daily life, neighborhoods, public spaces and a brighter shared future.

— Fun Center HPC



## Housing & Shelter

Design affordable, sustainable homes and neighborhoods.



## Nutritious Food

Explore local food systems, healthier choices and stronger communities.



## Clean Water

Model clean water systems for healthy people and ecosystems.



## Transportation

Plan safer, cleaner and more connected ways to get around.



## Communication

Connect people, share ideas and build stronger communities.



## Education

Learn new skills, explore ideas and create opportunities.



## Healthcare

Explore healthier lives for families and communities.



## Clothing

Design sustainable clothing and innovative materials.



## Sanitation

Create cleaner, healthier places for everyone.



## Energy

Explore clean energy solutions for a brighter tomorrow.



## Safety

Design safer neighborhoods and communities.

## REAL OPPORTUNITIES FOR BRIGHTER TOMORROWS

Extraordinary computing can help people imagine and improve real life for themselves, for their communities and for generations to come.



Housing & Shelter



Nutritious Food



Clean Water



Transportation



Communication



Education



Healthcare



Clothing



Sanitation



Energy



Safety



Parks & Recreation



City Planning & Stronger Communities



Digital tools like utility tokens or local credits could one day support community projects. A concept for possible future tools.



04

# From One Person To An Entire Network

Ideas, creativity and collaboration can grow from a single visitor to many people, many locations and around the world.



## Individuals

Bring their curiosity, interests and ideas.



## Friends & Families

Work together and learn from each other.



## Communities

Fun centers in different locations can connect.



## A Larger Network

More people, more ideas and more opportunities.



## Real-World Impact

Today's creativity can lead to tomorrow's solutions.



05

# Entrepreneurship & Collaboration

People can create, learn, share and build together — at your fun center and with others around the world.

CREATE  
LEARN  
COLLABORATE  
INNOVATE  
HAVE FUN



## Local Teams

Work together at your location on creative projects.



## Collaborate Across Locations

Connect with other participating fun centers on shared projects.



## Learn From Others

Share ideas, get feedback and discover new possibilities.



## Turn Ideas Into Real Projects

Develop games, designs, simulations and more — individually or as a team.



## Project Examples

Just a few of the many possibilities.



Theme Park & Waterpark Designs



Scientific Simulations



Architecture & Urban Planning



Music Production



Video Game Development



Robotics & Engineering



Exploration & Real-World Solutions



### Build Skills

Gain experience and confidence.



### Meet New People

Work with others who share your interests.



### Develop Projects

Turn ideas into real creations.



### Be Part Of A Network

Collaborate with other locations.



### Explore Opportunities

Discover education, careers and more.



### Make A Positive Impact

Today's ideas can help shape a brighter future.



# 06 – From Fun Center To Real-World Improvements

Ideas from today can create brighter communities tomorrow.

## Fun Center HPC



Fun Center HPC connects people, ideas and technology at independently owned participating fun centers — helping turn creativity into real-world possibilities.

### 1 Start With An Idea



People of all ages explore big ideas at a participating fun center using extraordinary computers, kiosks and tablets.

BIG IDEAS  
BRIGHTER  
PEOPLE

### 2 Create & Explore



Use powerful workstations, software, games and tools to design, test and explore new possibilities.

CREATE  
LEARN  
PLAY  
EXPLORE  
TOGETHER

### 3 Improve Together

Refine ideas with simulations, research and feedback from friends, families and other fun center visitors.

PEOPLE  
IDEAS  
COMMUNITIES  
BRIGHTER  
TOMORROW



### Share With Community Partners

Present ideas and collaborate with local organizations, city planners, educators, parks & recreation and other community partners.

Community Park Plan

CITY PLANNING  
PARKS & REC  
EDUCATION  
CLEAN ENERGY  
COMMUNITY PARTNERS

### 5 Turn Ideas Into Real Projects

Selected ideas can move forward as real projects with ongoing collaboration, resources and community support.



### Brighter Communities For Tomorrow

Ideas from fun centers can help create better places to live, cleaner environments, safer neighborhoods and stronger communities for generations to come.

CLEANER  
GREENER  
SAFER  
STRONGER  
COMMUNITIES

## REAL-WORLD IMPROVEMENTS

Extraordinary computing can help turn ideas from fun centers into brighter communities and a better tomorrow.



Housing  
& Shelter



Parks &  
Recreation



Education



Transportation



Clean  
Water



Clean Energy  
& Sustainability



Healthcare



Clothing



Sanitation



Communication



Safety



Stronger  
Communities