Virtual Reality ----A new educational means of science center



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China Science and Technology Museum
2017.11.16

CONTENTS

What--what is virtual reality?

Why--why we use VR in science center?

How--How to do in China Science and Technology Museum?

1 What--what is virtual reality?

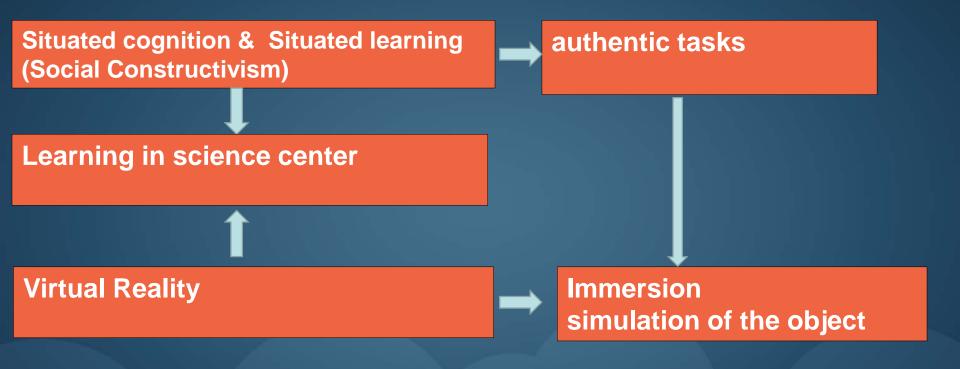
Interactivity

VR 3I

Imagination

Immersion







Learning in science center

Inquiry learning

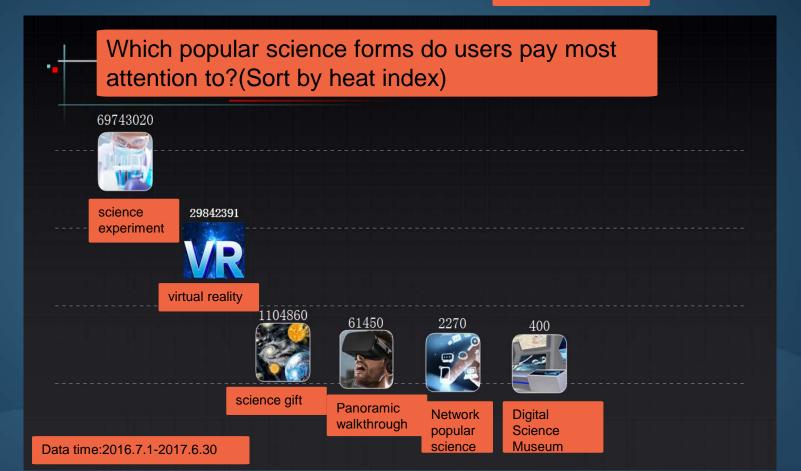
Virtual Reality

Interactivity

Imagination



Big data





Big data



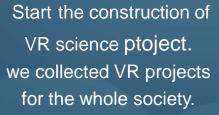






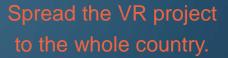
China Simulation Federation

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2017-2019









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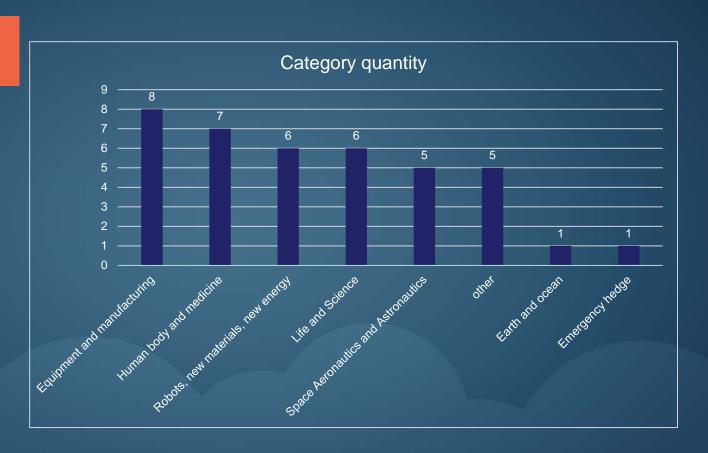
Scientific

Interest

Logic

Creativity

Visual effect





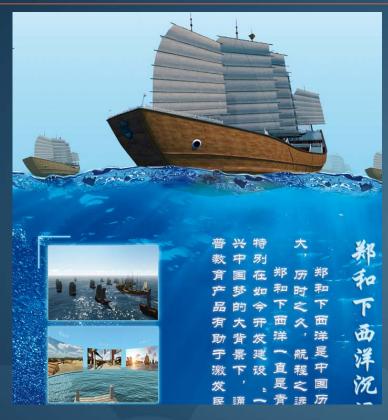




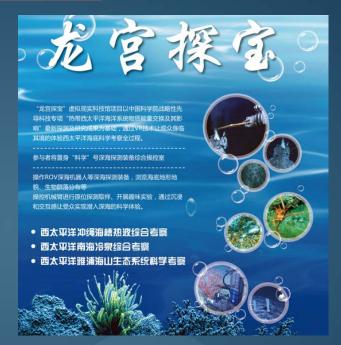




Equipment and manufactuing



Zheng He's voyages in the South Seas as far as Africa



Made by Chinese Academy of Sciences Institute of Oceanography

Experience the Pacific seabed scientific expedition



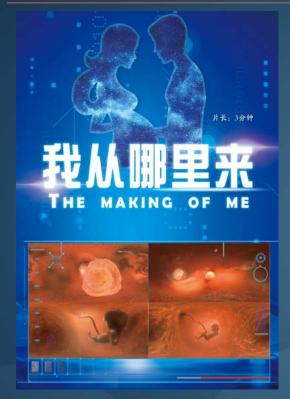
Equipment and manufactuing

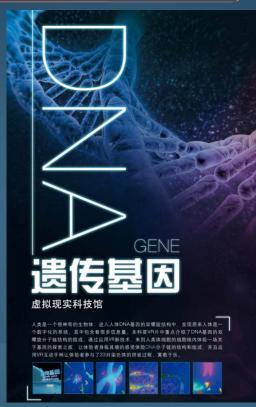


Missile weapon

Aircraft carrier allocation







Human body and medicine

Genetic genes

Made by Tencent, one of the largest Internet Co in China

Where do I come from?

The growth and development of fetus in uterus





Dinosaur Extinction

Life and Science

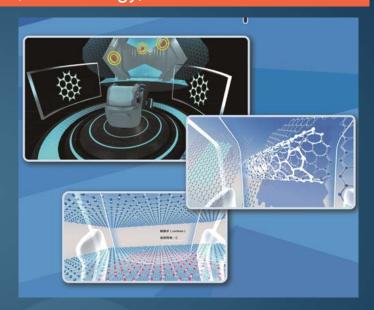


Bee Kingdom

Full view eyes return to the hive with direction. Experience a bee Honeycomb Structure



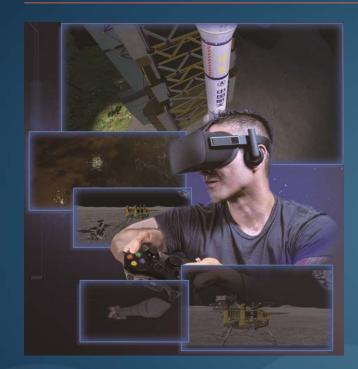
Robots, new energy, new materials



Structure of graphene

Robot production in an intelligent factory





Space Aeronautics and Astronautics



Roving Mars

Lunar simulation interaction Rocket launching.Lunar rover





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数学

2 灰急避险 与海洋 装备

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等月胎

宇宙航空航天



火箭发射

宇宙航空航天



航大《机发射

On-line VR













Q: What science museums can apply for VR projects?

A:Any one of China's science and technology center.













VR in CSTM









Lunar scientific investigation

Aircraft carrier allocation







space walk



THANKS FOR WATCHING

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