

# HoloMagic

(XR contents server)



**HoloMagicP24**

**HoloMagicP32**



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Homepage: [www.3dbank.kr/eng](http://www.3dbank.kr/eng)  
XR platform: [www.3dbank.xyz](http://www.3dbank.xyz)  
CEO :Kim, Dong-wook  
E-mail : [linesync@naver.com](mailto:linesync@naver.com)  
Whatsapp : +82 10-5507-9884  
Wechat ID : linesync



<https://www.youtube.com/watch?v=7wS-G6UNq2k>

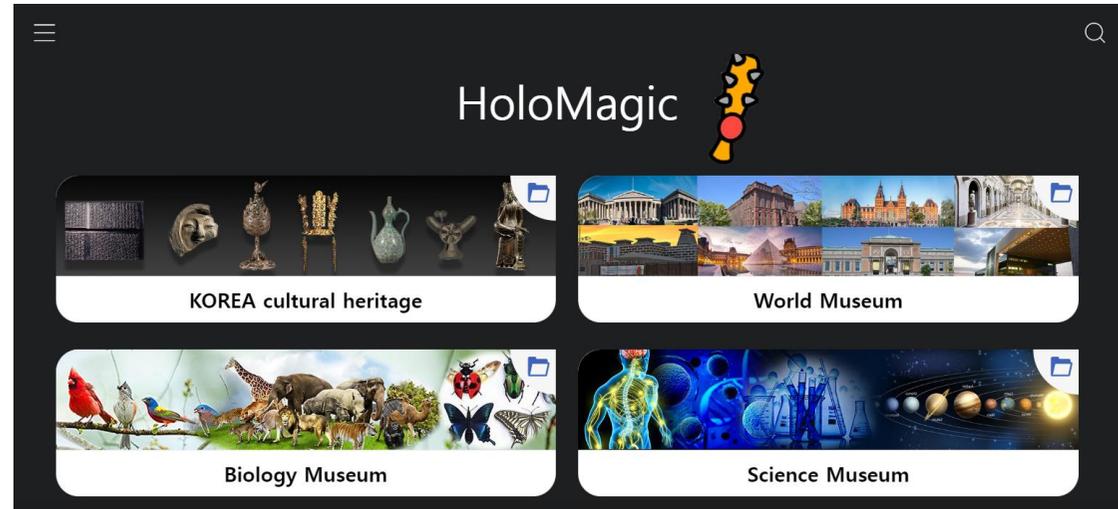
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# 1. Introduction to HoloMagic

## What is HoloMagic

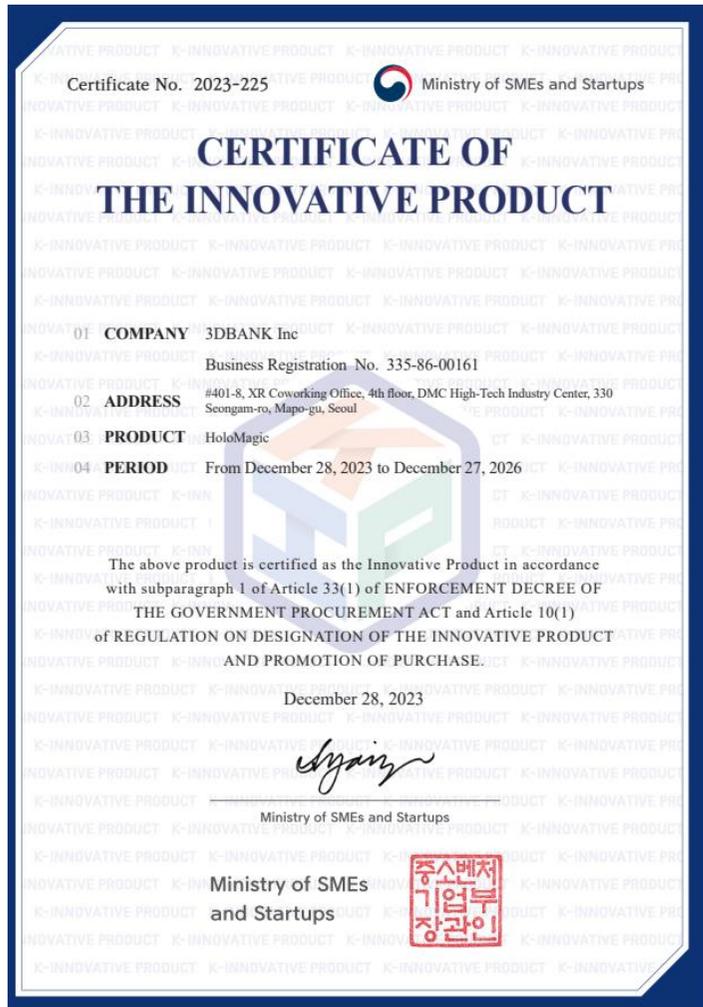


### HoloMagic contents (over3,000)

1. It is a local **XR(Extended Reality)** content server.
2. This server is equipped with over 3,000 pieces of content that provide holograms and AR
3. You can upload and use additional 3D data that you create yourself or download from outside
4. Holograms and augmented reality are provided for data stored in the content server.

# 1. Introduction to HoloMagic

## What is HoloMagic



Innovative product designation certificate (2023.12 Ministry of SMEs and Startups)



Selected as a non-face-to-face startup fostering project (2022.05 Korea Education and Research Information Service)

# 1. Introduction to HoloMagic

Immersive services

Convergence immersive service (**Hologram + AR + VR**)

AS IS	Hologram	Augmented Reality	Virtual Reality
Photo			
Advantage	<b>Multiple viewings</b>	Realism like reality	Virtual space experience
Disadvantage	<b>Fixed (can not control)</b>	<b>one person experience</b> (Need install application)	<b>one person experience</b> (Need HMD device)

Hologram/AR Convergence



AR/VR Convergence

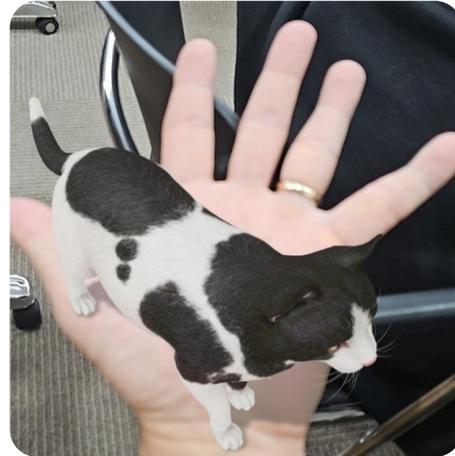
3DBANK	<b>Holomagic</b>
Advantage	<b>XR contents Server (Hologram + AR + VR)</b>
Remedy Disadv	<b>Hologram can control, Multiple AR available, VR available with Mobile</b>

# 1. Introduction to HoloMagic

Value View and experience various 3D contents in **AR** and **Holograms**



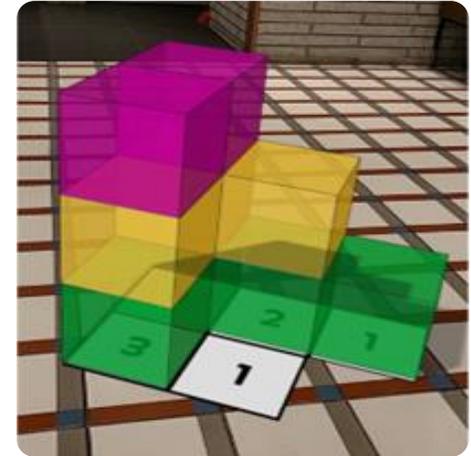
Digital Exhibition by hologram



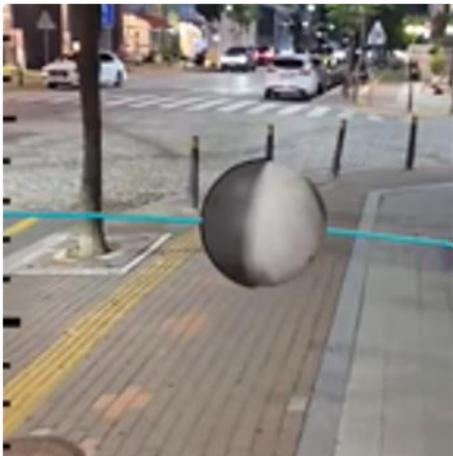
Field Experience Learning



3D modeling  
(Replace 3D Printer)



Digital Teaching aids



Science Experience



Virtual Reality



Photo with crown



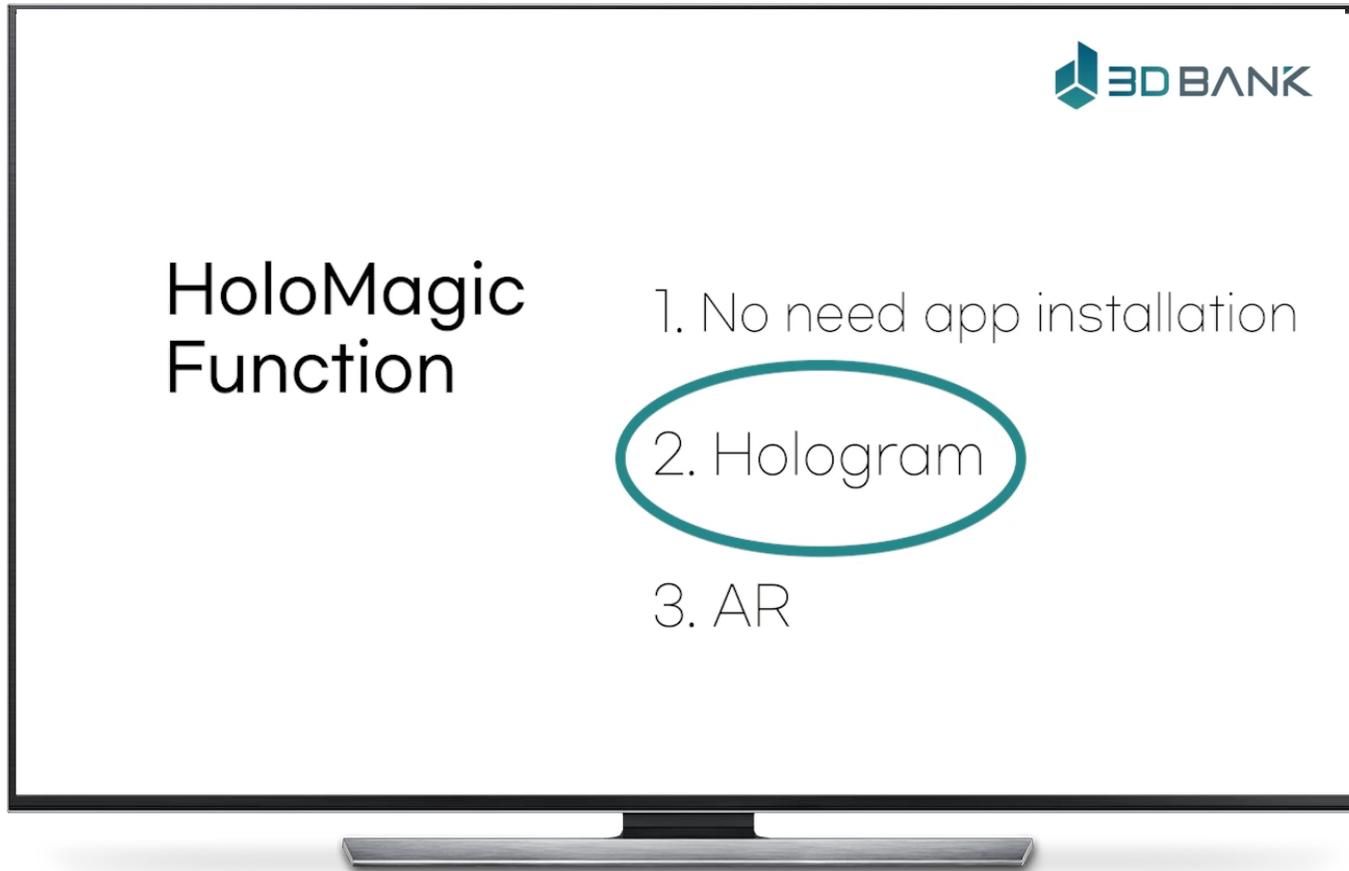
Photo with relics

# 1. Introduction to HoloMagic

HoloMagic

AR and remote control hologram without app installation

## Hologram



AR



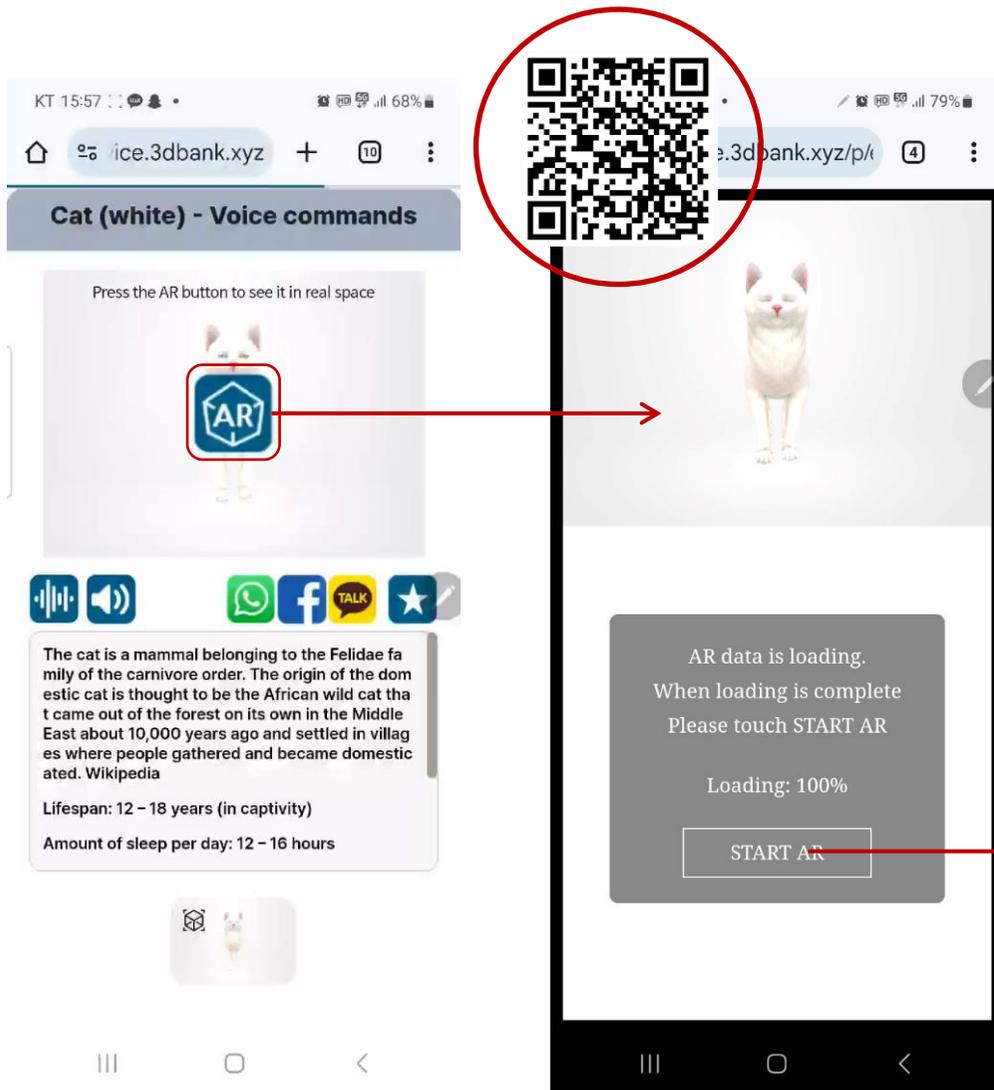
 YouTube [https://www.youtube.com/watch?v=niz\\_Msf2EjQ](https://www.youtube.com/watch?v=niz_Msf2EjQ)

<https://www.youtube.com/shorts/HfB3-G7y39E>

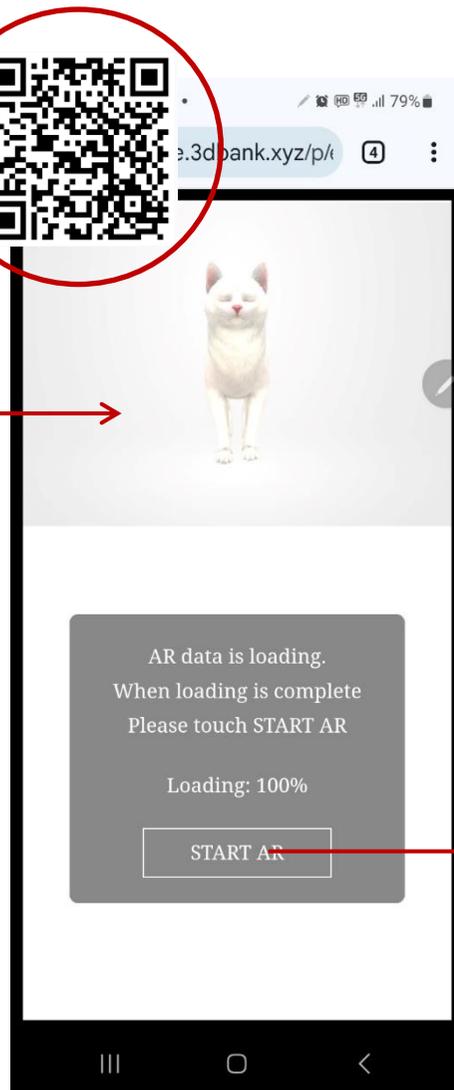
# 1. Introduction to HoloMagic

Augment reality

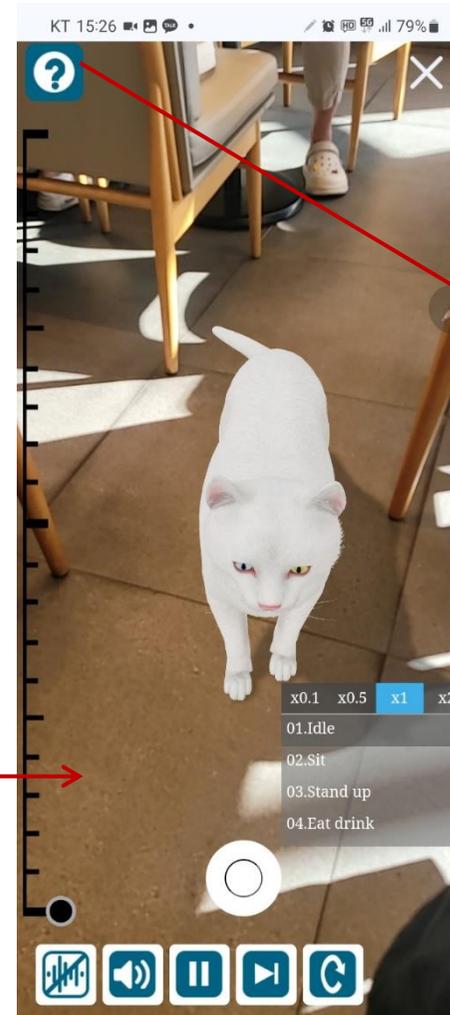
## Experience AR on any device without installing an app



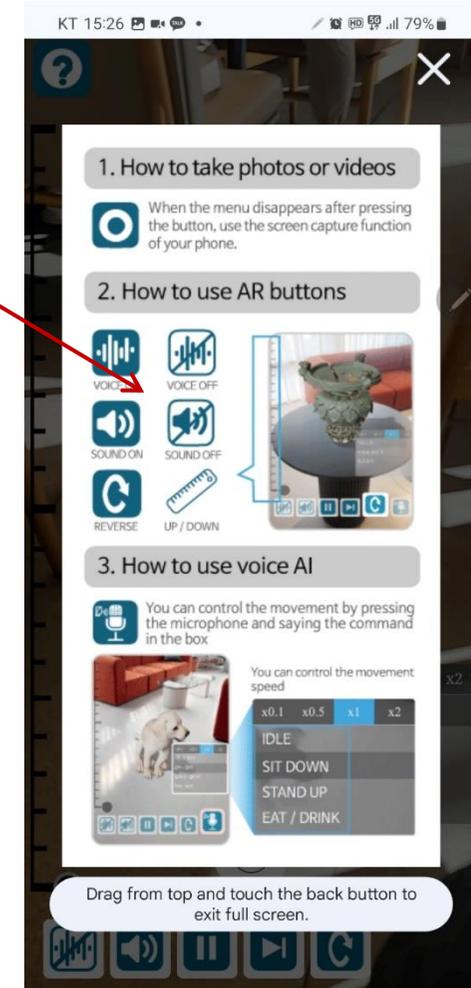
Scan QR code



Touch Start AR



Augment reality



Help page

 [YouTube https://www.youtube.com/shorts/lbWXpZufXFU](https://www.youtube.com/shorts/lbWXpZufXFU)

# 1. Introduction to HoloMagic

Augment reality

Holomagic give a lot of fun

## Fun HoloMagic



voice recognition

Up / Down

Open the lid

Reverse

scientific exploration

1 Take



photo/video

Clear menu



Android

iPhone

2. Share



# 1. Introduction to HoloMagic

Augment reality

## Experience AR on any device without installing an app

**Cat (white) - Voice commands**

Press the AR button to see it in real space

**Share**

1. Whatapp
2. Facebook
3. kakaotalk

**Favorite**

Please log in with social media to add content to your favorites.

Social Login

**SNS login**

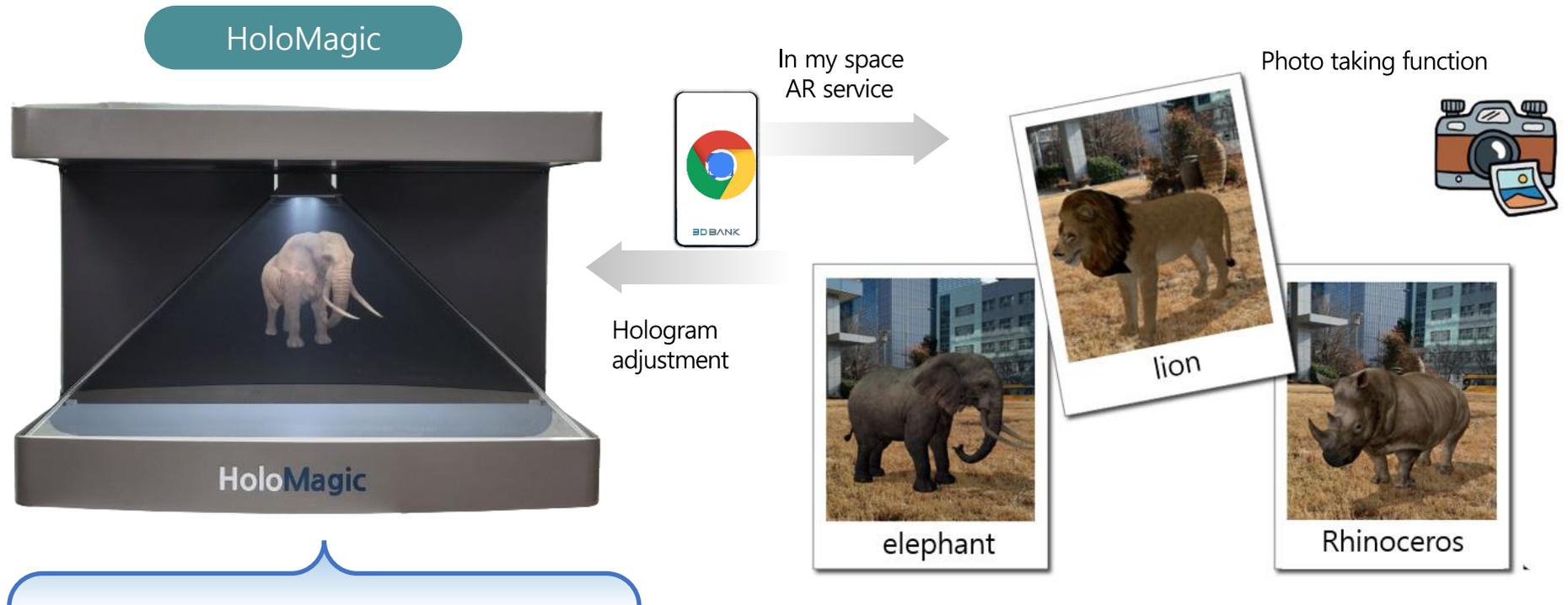
**Cat (white) - Voice commands**

crucian carp

# 2. Features

## Features I

Thousands of contents can be directly used as **Holograms** and **AR**



Cultural Heritage Administration

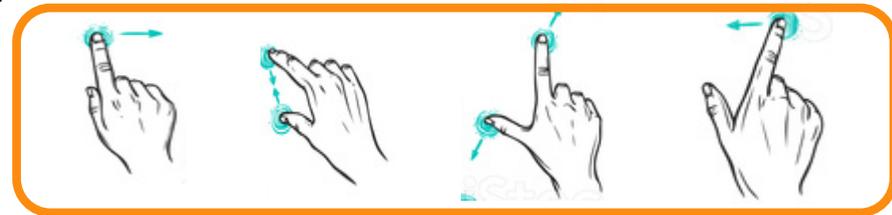
3,000 3D data



Ministry of Culture, Sports and Tourism  
National Museum of Korea



National Science Museum  
Republic of Korea



Turn right

Zoom out

Zoom in

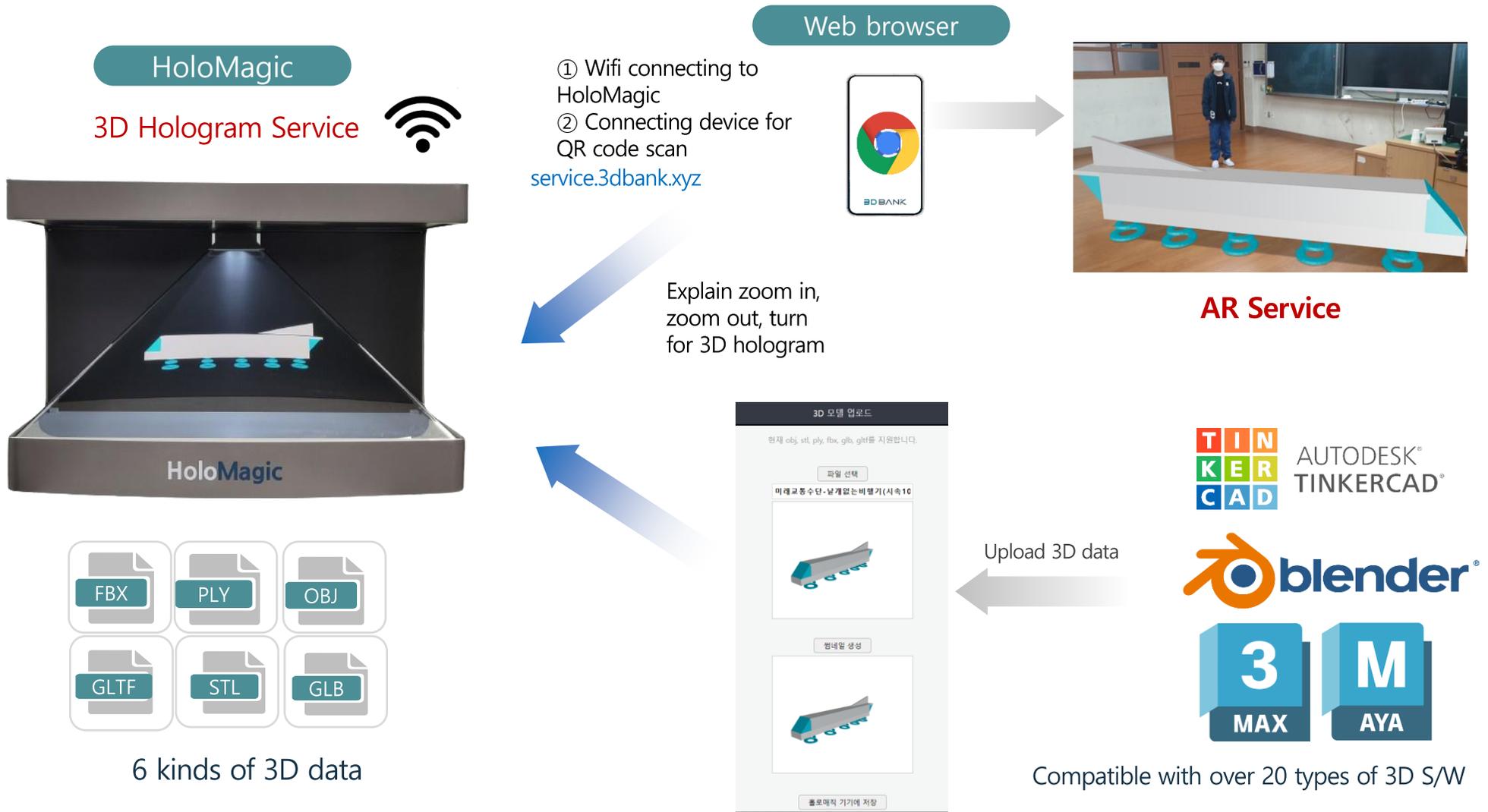
Turn left

## 2. Features

### Features II

Providing 3D holograms and AR immediately after uploading 3D data

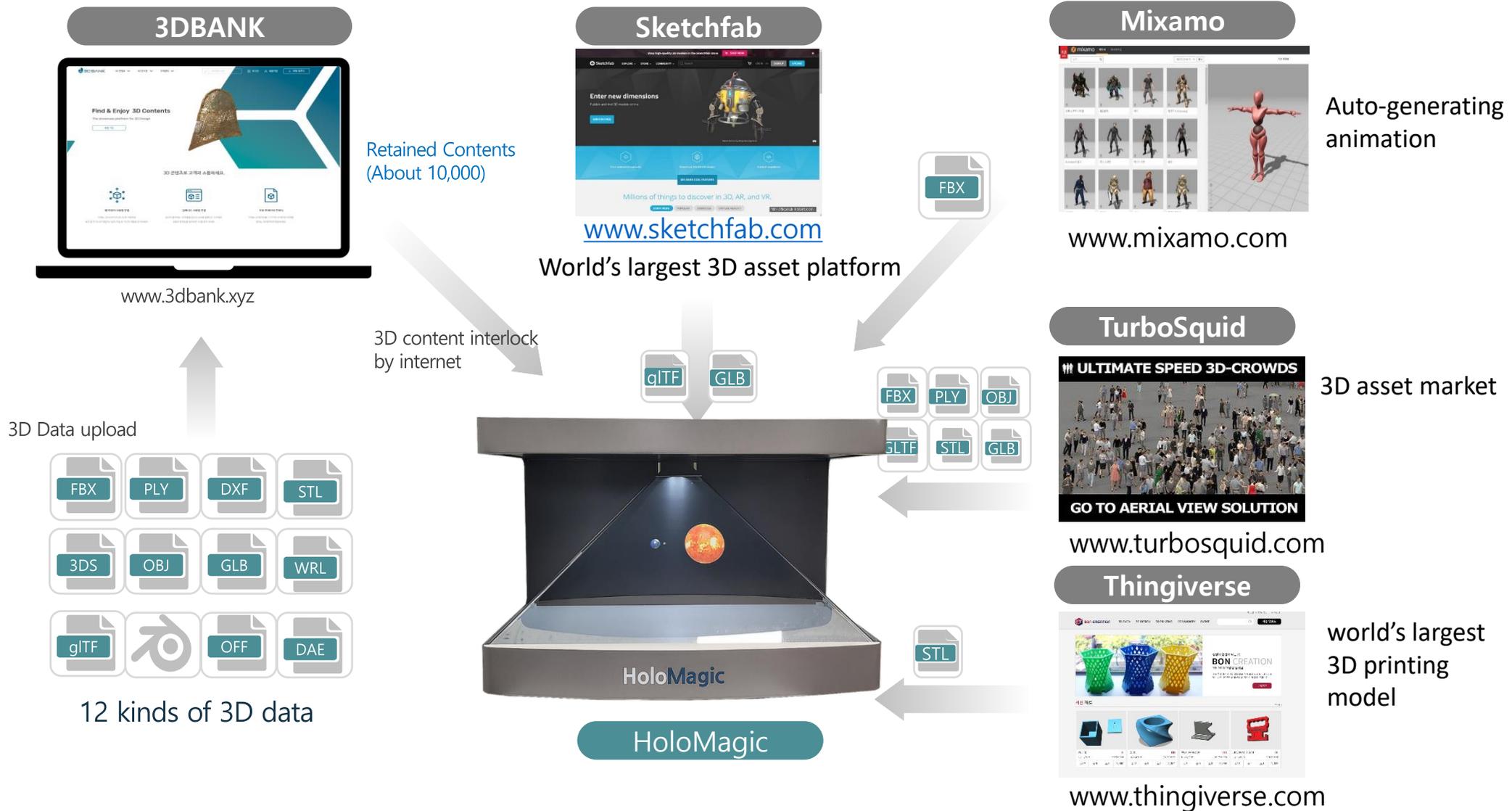
Three-dimensional education is possible (Replace 3D printer)



# 2. Features

## Features III

Use variety contents platform's 3D data for HoloMagic contents



## 2. Features

### Features IV

Any device can access hologram contents through web browser



## 2. Features

Features V

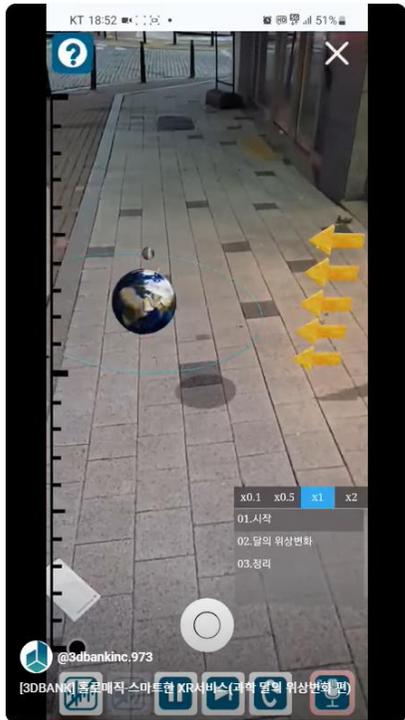
Provides AR with a first-person perspective like VR



Moon phase change



<https://www.youtube.com/shorts/QBUqkElkgC8>



3rd-person perspective

(AR)



first-person perspective

(VR)



Mongolian tent-ger



<https://www.youtube.com/shorts/WkXVejHq89U>



(AR)



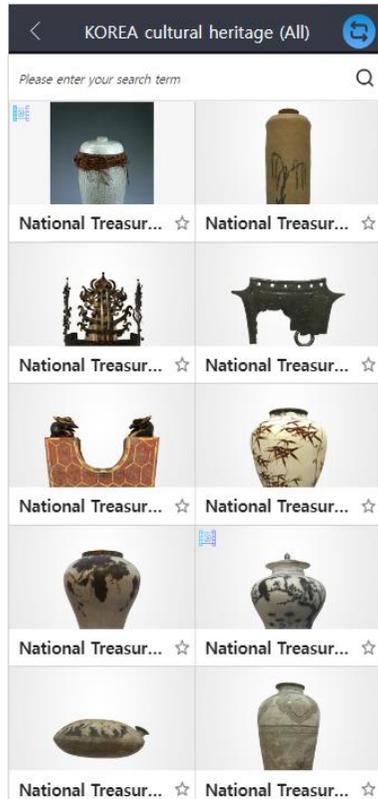
first-person perspective

(VR)

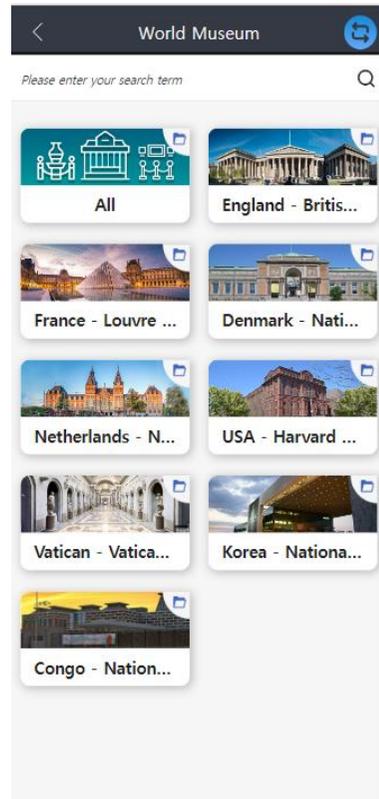
# 2. Featrues

## Contents catagori

### KOREA cultural heritage

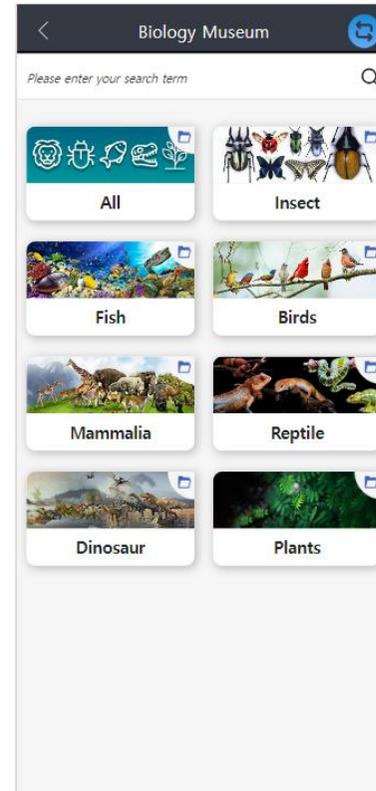


### World Museum



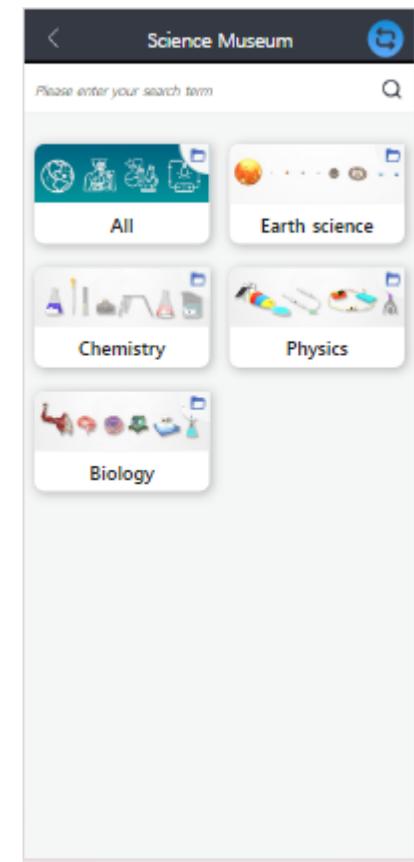
National Museum Collection  
eihht countries

### Biology Museum



Various organisms in the  
Biology Hall data

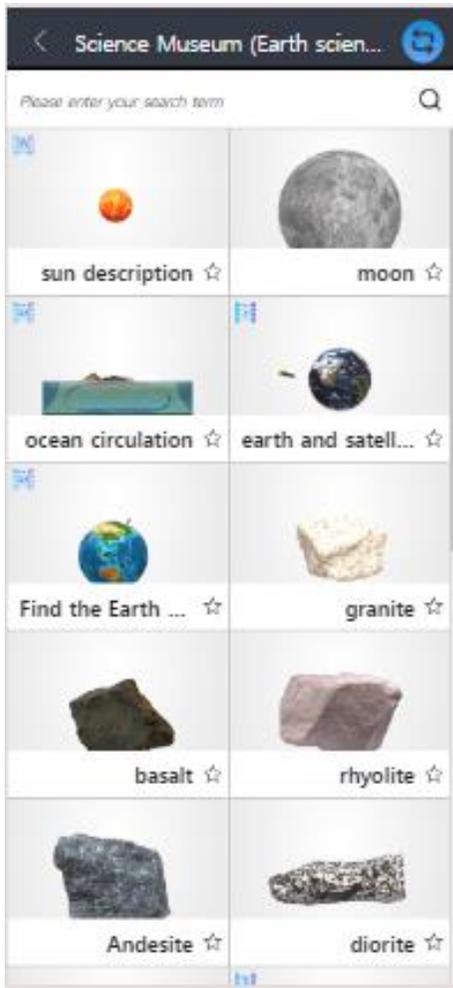
### Science Museum



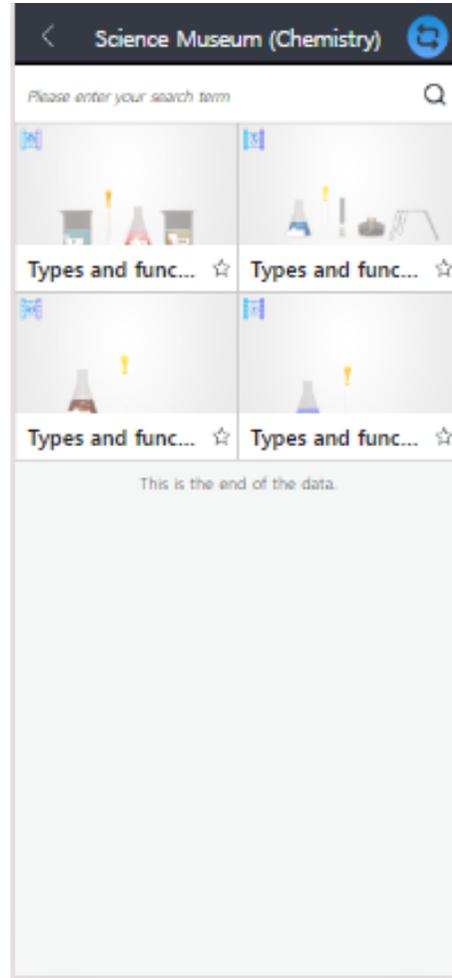
# 2. Features

## Contents

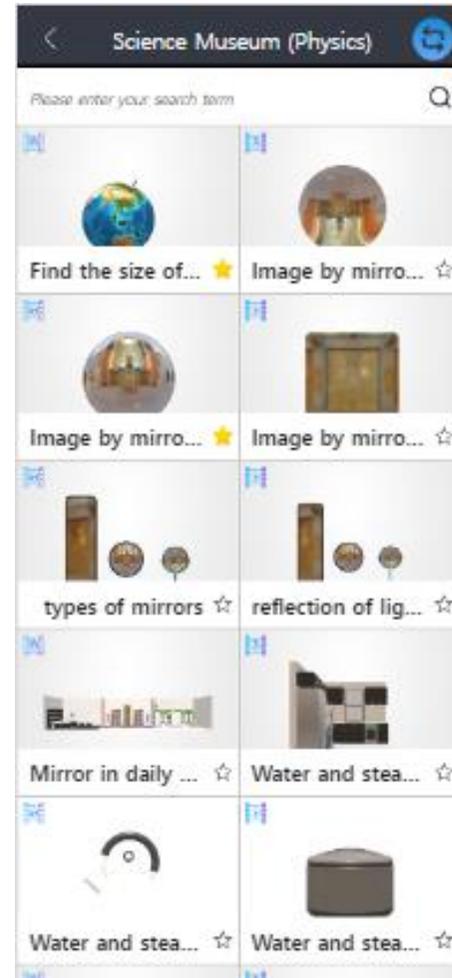
### Earth Science



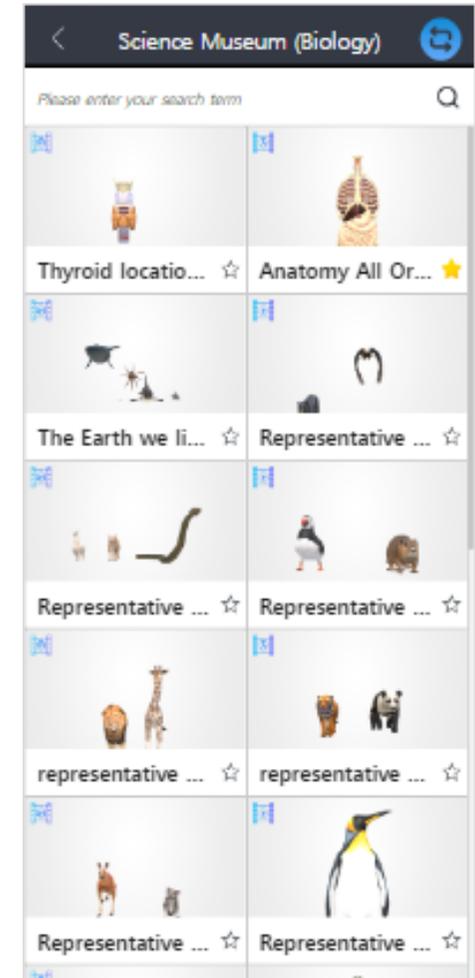
### Chemistry



### Physics



### Biology



# 3. How to use holomagic

## Study Guide

### Elementary 6 subject, middle 2 subject and 3D modeling

Elementary School

Integrated subject

Science

Society

Math

Art

Practical Science

Middle school  
Science  
History

3D모델링 과정안



3D Modeling

### 3. How to use holomagic

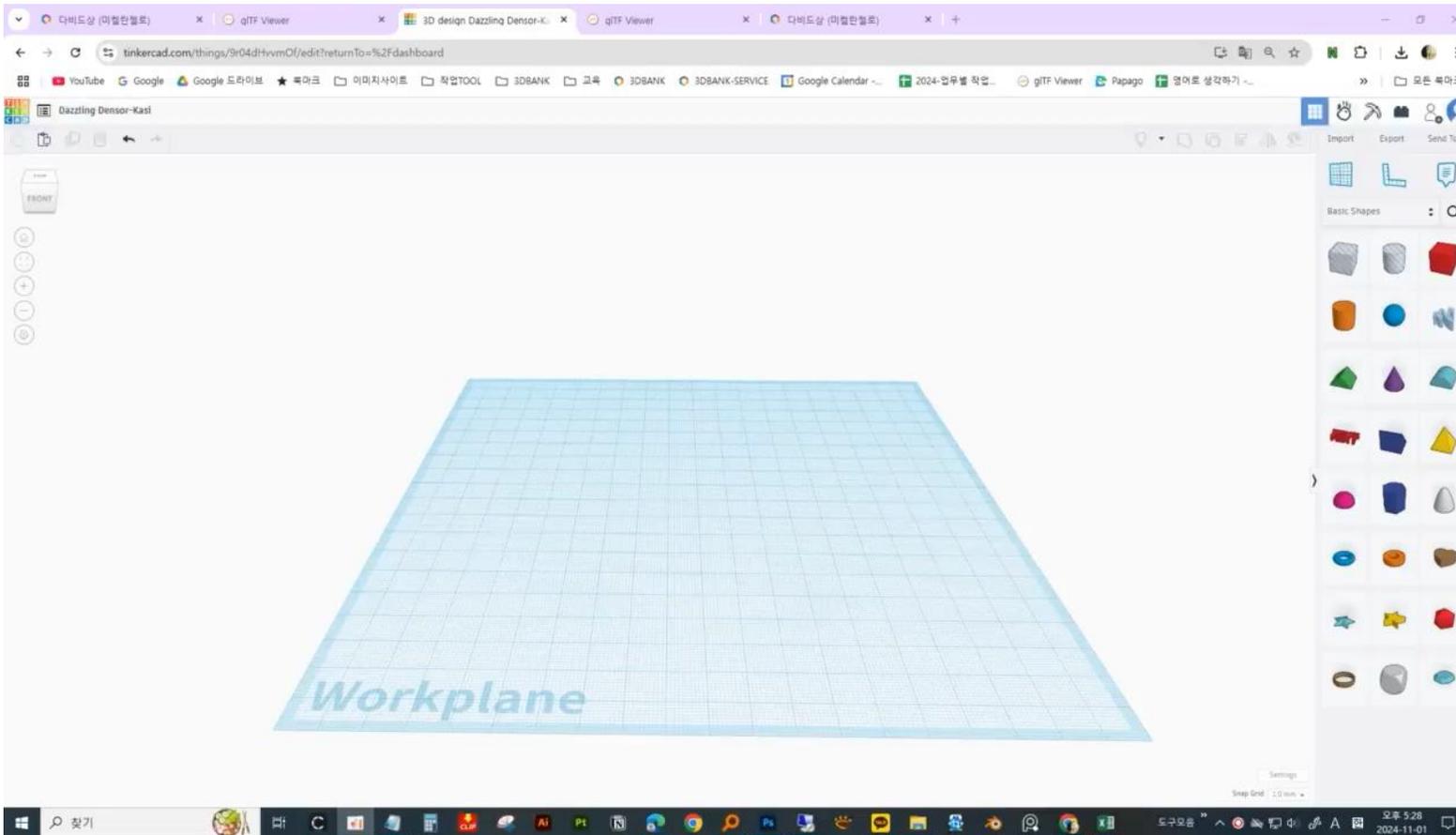
TinkerCAD

Creative education through 3D modeling

3D modeling tool on the web

**AUTODESK**

<https://www.tinkercad.com/>



 YouTube

[https://youtu.be/RjC\\_7nvh7tY](https://youtu.be/RjC_7nvh7tY)

# 3. How to use holomagic

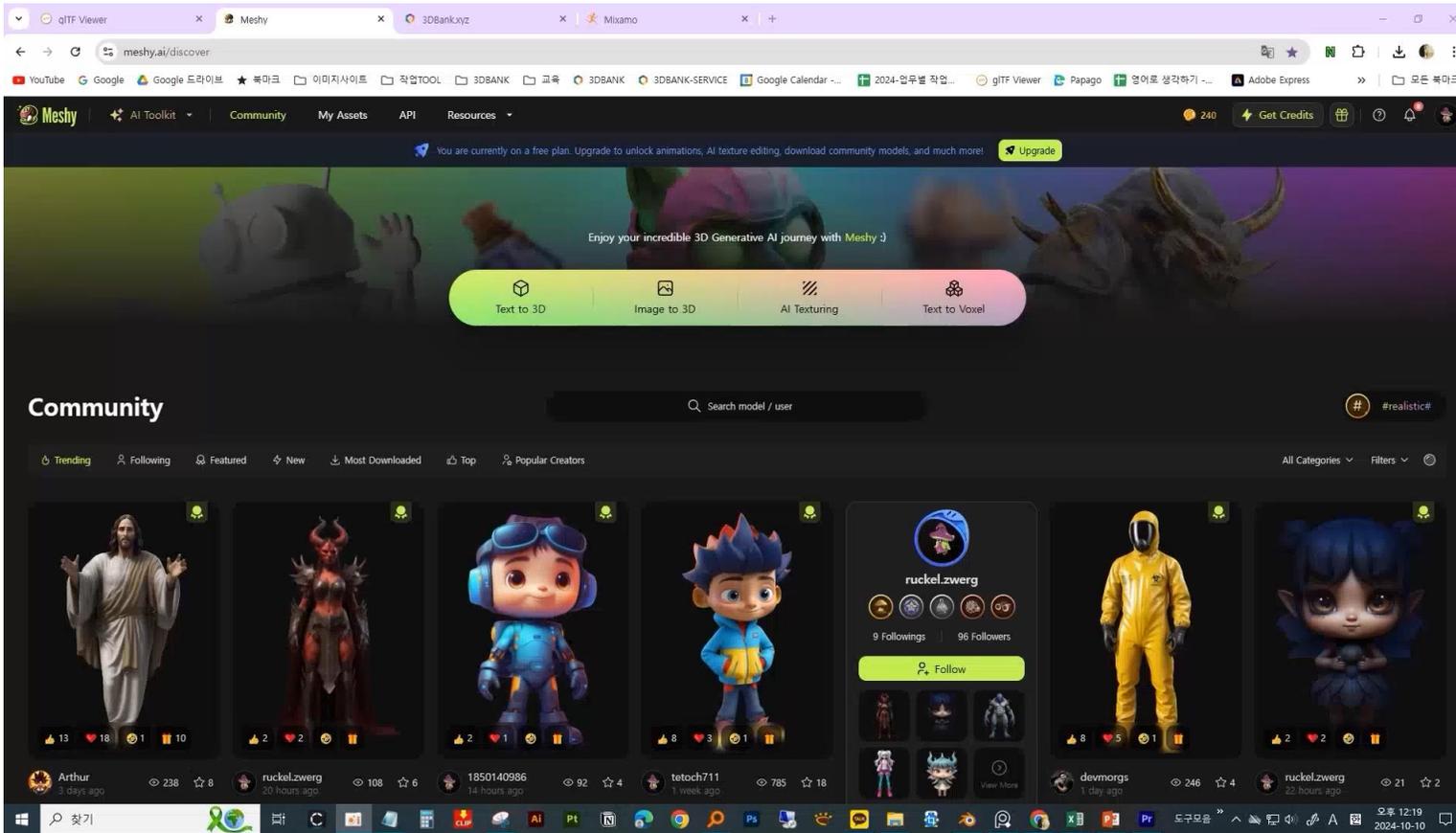
meshy.ai

Production of XR content using photos and AI

Create 3D data from one photo

[https://www.meshy.ai/discover?utm\\_source=7ED36R](https://www.meshy.ai/discover?utm_source=7ED36R)

<https://www.meshy.ai/discover>



 <https://youtu.be/njAesGyWDh0>

Hero2.fbx

### 3. How to use holomagic

RealityScan

3D scanning and XR content production using photography

Unreal

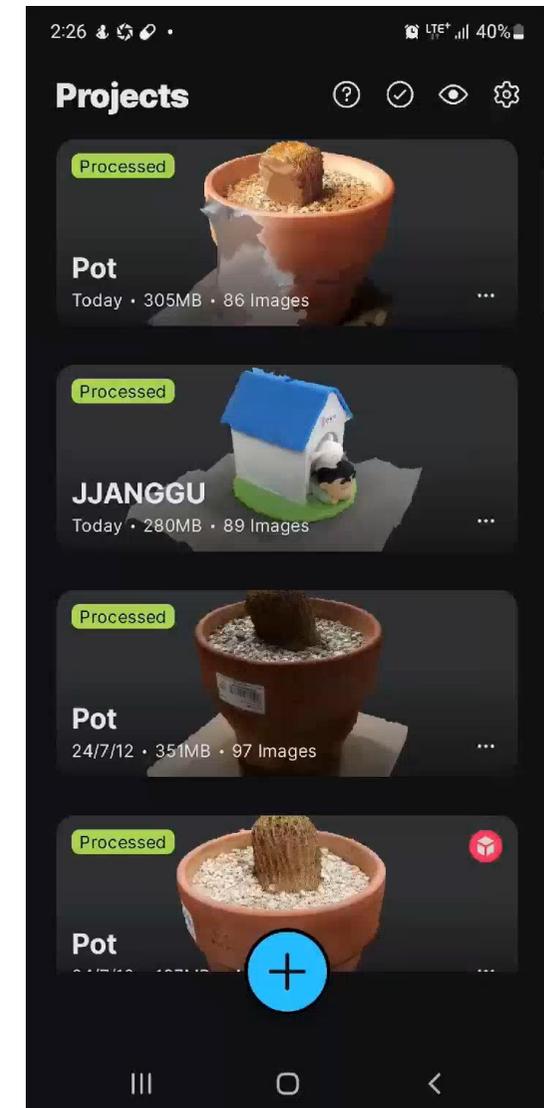
S/W that creates 3D scan data from multiple photos

<https://www.unrealengine.com/en-US/realityscan>



[https://www.3dbank.xyz/contents/view\\_contents.jsp?cuid=1004954](https://www.3dbank.xyz/contents/view_contents.jsp?cuid=1004954)

 YouTube [https://youtu.be/fkGCOjgo\\_Q4](https://youtu.be/fkGCOjgo_Q4)



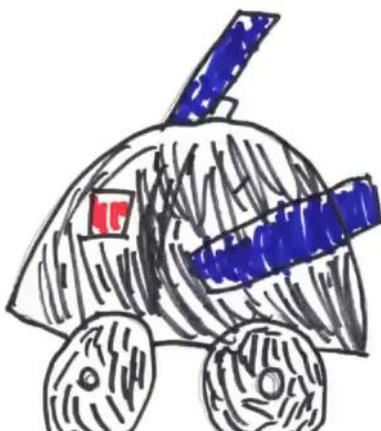
## 4. Use cases

### Replace 3D printer Elementary School – Practical course

AR Case Study using AR

### 증강현실을 활용한 수업 사례

사례2 Practical course Example: Envisioning Future Transportation  
[실과5]미래 수송수단 구상하기



This is a convergence education using 3D modeling and Holo Magic in practical course class.

 YouTube <https://youtu.be/tbN4L6XQNnA>

## 4. Use cases

Replace field experience

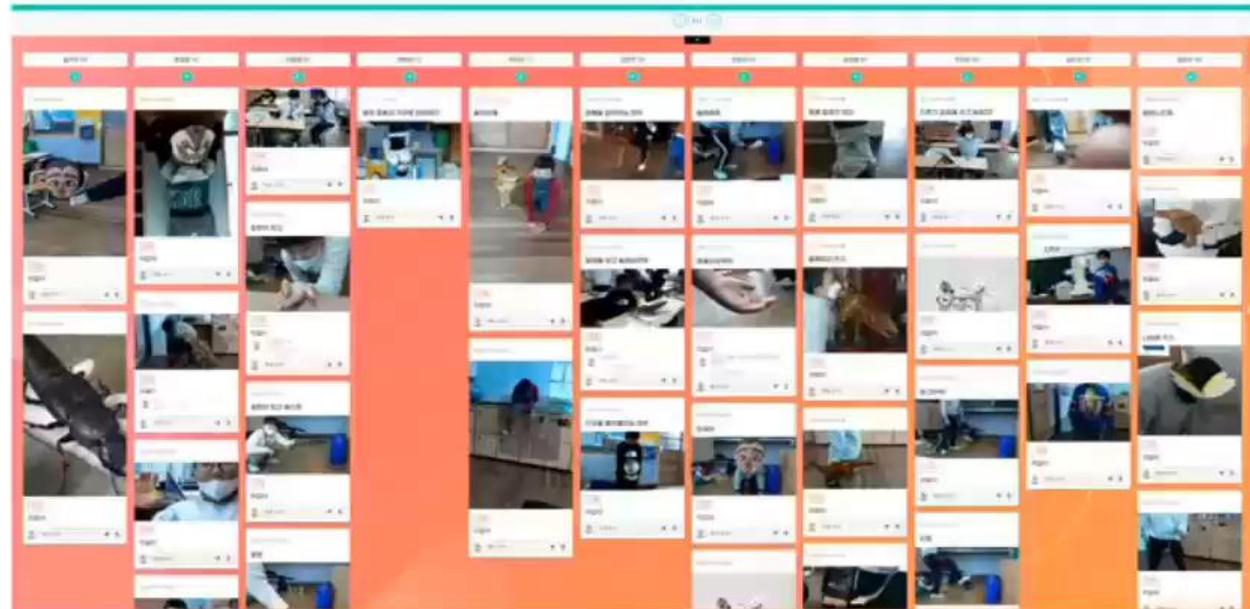
Elementary School - Creative experience activities

### 홀로매직을 이용한 초등교과 수업



광주 수창초등학교

창의적 체험활동



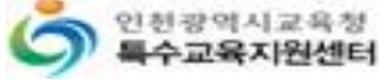
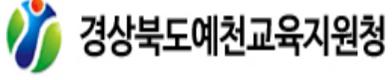
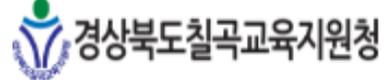
광주수창초등학교(2022)

 YouTube [https://youtu.be/ypU6QA7O\\_N4](https://youtu.be/ypU6QA7O_N4)

# 5. Reference

Public institutions

Ministry of Education Various institutions from educational institutions to research institutes and libraries

 <b>교육부</b> 국립특수교육원	 <b>KERIS</b> 한국교육학술정보원 KOREA EDUCATION AND RESEARCH INFORMATION SERVICE	 <b>국가기상위성센터</b> National Meteorological Satellite Center	 <b>국방과학연구소</b> Agency for Defense Development	 <b>Scientry</b> DAEGU NATIONAL SCIENCE MUSEUM 국립대구과학관
 <b>KCISA</b> 한국문화정보원	 <b>Seoul Digital Foundation</b> 서울디지털재단	 <b>KYWA</b> 한국청소년활동진흥원 Korea Youth Work Agency	 <b>ICMTC</b> 민군협력진흥원 국방과학연구소	 <b>인천광역시교육청</b> 특수교육지원센터
 <b>서울특별시남부교육지원청</b> SEOUL NAMBU DISTRICT OFFICE OF EDUCATION	 <b>서울특별시서부교육지원청</b> SEOUL SEOBU DISTRICT OFFICE OF EDUCATION	 <b>인천광역시강화교육지원청</b> Incheon Gyeonggi Office of Education	 <b>부산광역시 사상구</b> SASANG-GU BUSAN METROPOLITAN CITY	 <b>부산서구문화원</b> Busan Seogu Cultural Center
 <b>부산광역시남부교육지원청</b> BUSAN NAMBU DISTRICT OFFICE OF EDUCATION	 <b>대구광역시교육청</b> DAEGU METROPOLITAN OFFICE OF EDUCATION	 <b>DICCE</b> 대구창의융합교육원 대구녹색학습원	 <b>DIP</b> 대구디지털혁신진흥원 Daegu Digital Innovation Promotion Agency	 <b>충청남도교육청</b> CHUNGCHONGNAMDO OFFICE OF EDUCATION
 <b>충청남도교육청교육연수원</b> CHUNGCHONGNAMDO OFFICE OF EDUCATION TRAINING INSTITUTE	 <b>충청남도청양교육지원청</b> CHUNGCHONGNAMDO CHEONGYANG OFFICE OF EDUCATION	 <b>충청남도보령교육지원청</b> CHUNGCHONGNAMDO BORYEONG OFFICE OF EDUCATION	 <b>충청남도논산계룡교육지원청</b> CHUNGCHONGNAMDO NONSAN GYERYONG OFFICE OF EDUCATION	 <b>전라남도교육청</b>
 <b>전라남도나주교육지원청</b> Jeollanamdo Naju Office Of Education	 <b>전라남도목포교육지원청</b> Jeollanamdo Mokpo Office Of Education	 <b>전라남도완도교육지원청</b> Jeollanamdo Wando Office Of Education	 <b>경상북도교육청</b> Gyeongsangbuk-do Office of Education	 <b>경상북도예천교육지원청</b>
 <b>경상북도봉화교육지원청</b> www.bonghwa-ed.go.kr	 <b>경상북도의성교육지원청</b> Gyeongsangbuk-do uiseong office of education	 <b>경상북도칠곡교육지원청</b>	 <b>경상북도교육청문화원</b> Gyeongsangbuk-do Office of Education Cultural Center	 <b>경상북도교육청인공지능교육센터</b> Gyeongsangbuk-do Office of Education AI Education Center
 <b>경상북도교육청 영주선비도서관</b> Yeongju Seonbi Public Library	 <b>경상북도교육청 안동도서관</b> Andong Public Library	 <b>경상북도교육청 상주도서관</b> Gyeongsangbuk-do office of Education Sangju Library	 <b>경상북도구미교육지원청</b> GYEONGSANGBUK-DO GUMI OFFICE OF EDUCATION	 <b>경상북도교육청 구미도서관</b> Gumi Public Library
 <b>경상북도교육청 칠곡도서관</b> Chilgok Public Library	 <b>자유·균형·미래</b> 경기도파주교육지원청	 <b>울진도서관</b> 경상북도교육청	 <b>경상북도교육청 영덕도서관</b> Yeongdeok Public Library	 <b>제주특별자치도교육청</b> Jeju Special Self-Governing Provincial Office of Education

# 5. Reference

## Educational Inst From Kindergarten to University

### General School

안동유치원	관동초롱꽃유치원	공평안심 나뭇잎유치원	가산초등학교 GASAN ELEMENTARY SCHOOL	관호초등학교 GUAHŬO ELEMENTARY SCHOOL	구미봉곡초등학교 GUMIBONGGOK ELEMENTARY SCHOOL	구미문성초등학교
군문초등학교 KUNMUN ELEMENTARY SCHOOL	금락초등학교 GUMRAK ELEMENTARY SCHOOL	기성초등학교 Kiseong Elementary School	낙서초등학교 NAKSEO ELEMENTARY SCHOOL	대해초등학교 DAEHAE ELEMENTARY SCHOOL	Daeya Elementary School 대야초등학교	구미사곡초등학교 Gumi sagok Elementary School 병설유치원
대룡초등학교 DAERYONG ELEMENTARY SCHOOL	동향초등학교 DONGHANG ELEMENTARY SCHOOL	매원초등학교	목포중앙초등학교 MOKPOJUNGYANG ELEMENTARY SCHOOL	미암초등학교 miam elementary school	봉성초등학교	부리초등학교 BURI ELEMENTARY SCHOOL
삼근초등학교	서부초등학교 Seoboo Elementary school	서울세곡초등학교 SEOUL.SEGOK ELEMENTARY SCHOOL	서벽초등학교 SEBYOK ELEMENTARY SCHOOL	상운초등학교	성주중앙초등학교 SUNGJUJUNGYANG ELEMENTARY SCHOOL	서울길동초등학교 SEOUL.GILDONG ELEMENTARY SCHOOL
서울당중초등학교 DANGJUNG ELEMENTARY SCHOOL	쌍림초등학교 SSANGRIM ELEMENTARY SCHOOL	세보고 이무리 나누며 채우리 행복 신천도 서울신상도초등학교	'행복한 배움터, 신뢰받는 학교' 아포초등학교	안동송현초등학교 Andong Songhyeon Elementary School	위량초등학교	완도초등학교
장곡초등학교	죽도초등학교 JUKDO ELEMENTARY SCHOOL	지곡초등학교	지품초등학교 CHIPUM ELEMENTARY SCHOOL	천생초등학교 CHEONSAENG ELEMENTARY SCHOOL	청남초등학교 CHEONGNAM ELEMENTARY SCHOOL	춘양초등학교 CHUNYANG ELEMENTARY SCHOOL
포항원동초등학교	살의 힘을 키우는 행복한 포항송도교육 포항송도초등학교 Pohang songdo Elementary School	경구중학교	금산여자중학교	논산대건중학교	명인중학교 MYUNGIN MIDDLE SCHOOL	문성중학교 Munseong Middle School
심도중학교 SIMDO MIDDLE SCHOOL	영광중학교 YeongGwangMiddleSchool	운남중학교	진성중학교 JINSUNG MIDDLE SCHOOL	화산중학교 WHASAN MIDDLE SCHOOL	흥해중학교	청량중학교 CHEONGRYANG MIDDLE SCHOOL
길원여자고등학교	경주공업고등학교 GYEONGJU TECHNICAL HIGH SCHOOL	경북소프트웨어고등학교 Gyeongbuk Software High School	이리 대구이룸고등학교 DAEGU ERUM HIGH SCHOOL	명인고등학교 MYUNGIN HIGH SCHOOL	목포홍일고등학교	경산여자고등학교 GYEONSAN GIRLS' HIGH SCHOOL
미래가 탄탄한 인문 보건 의료인 양성 예일메디텍고등학교 Yale Meditech High School	정광고등학교 JEONGGWANG HIGH SCHOOL	여수종고중학교 YeosuJonggo Middle School	인천대건고등학교 INCHEON DAEGUN HIGH SCHOOL	창평고등학교 CHANG PYEONG HIGH SCHOOL	올바른 인성과 창의력을 지닌 인재육성 의성유니텍고등학교	성신여자중학교 Seongsшин Girls' Middle School
신안해양과학고등학교 SHINAN MARINE SCIENCE HIGH SCHOOL	한국해양마이스터고등학교 KOREA MARINE MEISTER HIGH SCHOOL	한림공업고등학교 Hallim Technical High School	현일고등학교 HYUNIL HIGH SCHOOL	광주교육대학교	KU 건국대학교 KONKUK UNIV.	전주교육대학교

# Installation example

School **University and special school**



**Jeonju National University of Education**



**Jeongeup Dasom School**

## 6. Installation example

### Intelligent science room



Shinan Marine Science High School

## 6. Installation example

### Science museum



National Daegu Science Museum



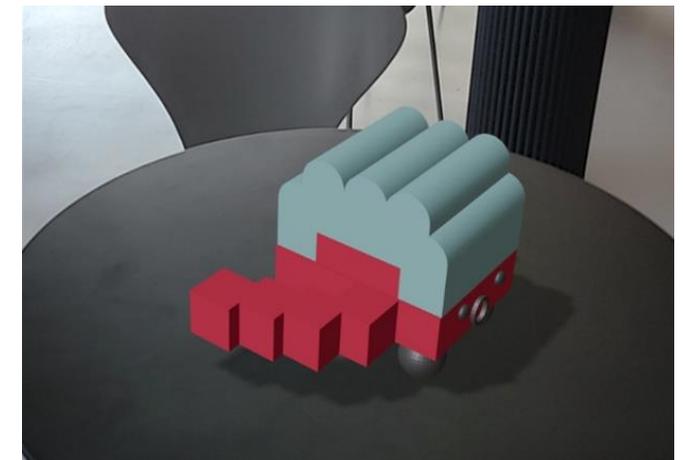
Experience dinosaurs in AR

## 6. Installation example

### Library



Daegu City Library



Teaching 3D modeling with AR



## 2022년 비대면 스타트업 육성사업

2022 non-face-to-face startup  
fostering project (By KERIS)

# Appendix : HoloMagic price

## Product spec

Category		Premium HoloMagic			
		Small		Midium	
H/W	Model name	HoloMagicP24		HoloMagicP32	
	Total Size	550X420X350 (Width, Depth, Height)		735 X 580 X 475 (Width, Depth, Height)	
	Weight	13 Kg		33Kg	
Basic service	Internal Contents	World relics, Biology, Science, Korea heritage About 3,000			
	Support 3D Data	STL, OBJ, PLY, FBX, GLB, GLTF			
	Wifi-AR	HoloMagic internal contents (Android, IOS)			
	Sound, Video	Sound, Voice description, Hologram for 3-part video			
	Language(5)	한국어, English, 简体中文, 繁體中文, 日本語			
Cloud Service	External contents	Free (about 10,000)			
	Language(8)	한국어, English, 中文, Portugal, Spanish, French, Arabic, Vietnamese			
	Cloud Storage	one year for free	five year for free	one year for free	five year for free
	Update Contents				
	QR-AR(intenet)				
Consumer Price (Korea)		<b>₩5,170,000</b>	<b>₩7,170,000</b>	<b>₩6,820,000</b>	<b>₩8,820,000</b>





## HoloMagicP32

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