# Technology outdoors





### PicCollage

Art: composing with photos









# Making landscapes

using photos to compose new landscapes

Art: found on the ground









# Arranging and rearranging

Collect, arrange and photograph what you find on the ground



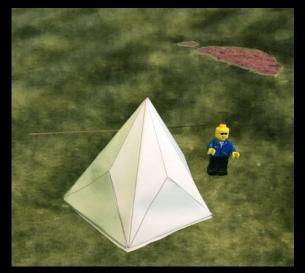




## I am the pencil

MapMyWalk/Strava











## Virtual outdoor sculptures

Greeenscreen by Dolnk



### Wild writing



Stopping after 15 steps

Looking down 15 times

White
Lost I
Broken twis
Flight feathe
Plastic litter
New leaves
Young dandelion
Gnarled roots
Fluffy feather
Small stone
Pink petals
Pink petals

A frozen puddle

A spiral in a frozen puddle

Bicycle tracks in mud

Cold pale blue sky

Frost on branches like crystals

Ice on every blade of grass

Molehills pepper the field

Ice melting

pigeon feather dropps from the

sky

egular paving strewn arov

aves outlined by fros

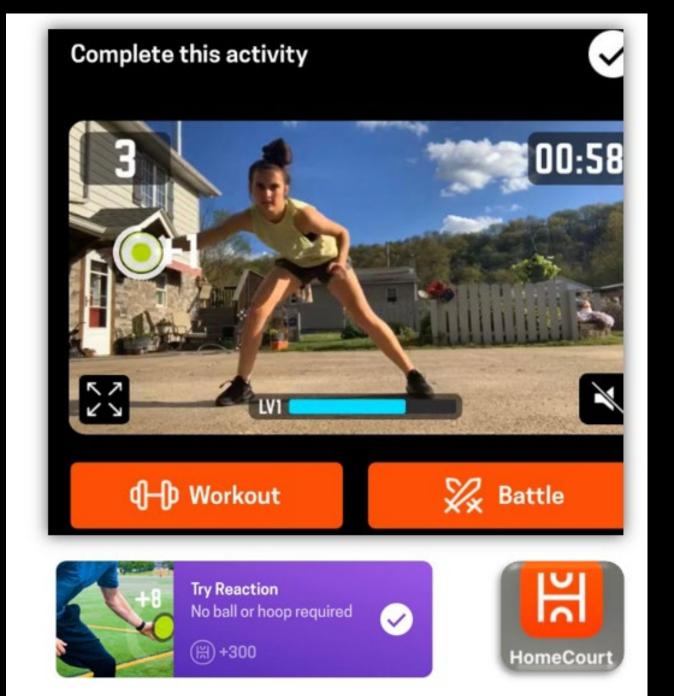
ChatterPix PicCollage

http://www.richardlong.org



PHYSICAL EDUCATION AND AUGMENTED REALITY

Home Court is an app that reaches all ages. There are different levels and challenges to select from including with and without equipment. It is a free download for the initial games and can help encourage you to enjoy become more physically active.





### Home Court - Using Equipment

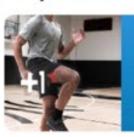
#### Starter Missions



Learn about Setup Intro to HomeCourt

(∺) +200

#### **Daily Missions**



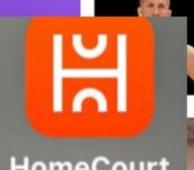
**Give High Knees Counter** a try





Try Reaction No ball or hoop require

(H) +300



Give Mason Plumlee Challenge a try

(H) +100



Try Single Target All you need is a ball

(∺) +300



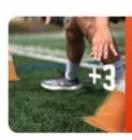
Give Mid-Range Baseline Jumpers a try

(∺) +200



**Try Shooting Workout** Track your shots

₩ +600



**Give Lateral Quickness** a try

(∺)+100

# Augmented reality and STEM to STEAM

### Making Trails: Scavengar

- demonstrates how the practical nature of PE can be encouraged using immersive technology.
- Scavengar uses AR to superimpose content into the user's environment thus creating a digital artefact in the user's real world.
- This app has potential to be used in various educational contexts, both in and beyond the classroom and beyond PE.
- It turns physical activities and quizzes into engaging, interactive experience.
- The app developers are designing a version of Scavengar specifically made for educational purposes.
- Scavengar: AR Scavenger hunts

#### Scavengar





#### Scavengar

- iOS iPhone and iPad.
- Indoors or outdoors.
- Data or Wi-Fi.
- Cost free



Exploring AR hunts with Scavangar: YouTube video



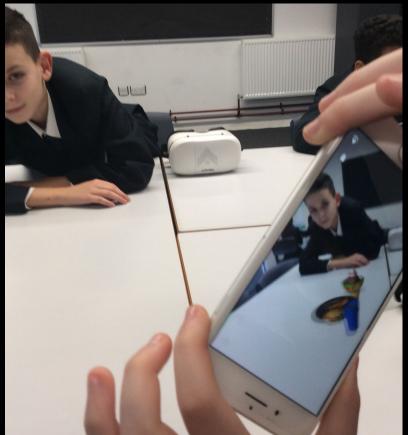
How to create your own Scavangar hunt YouTube video

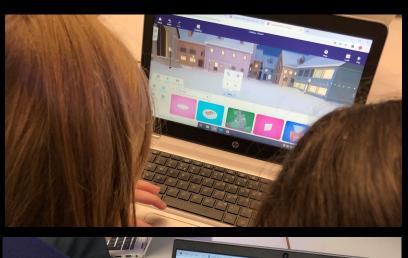














CoSpaces



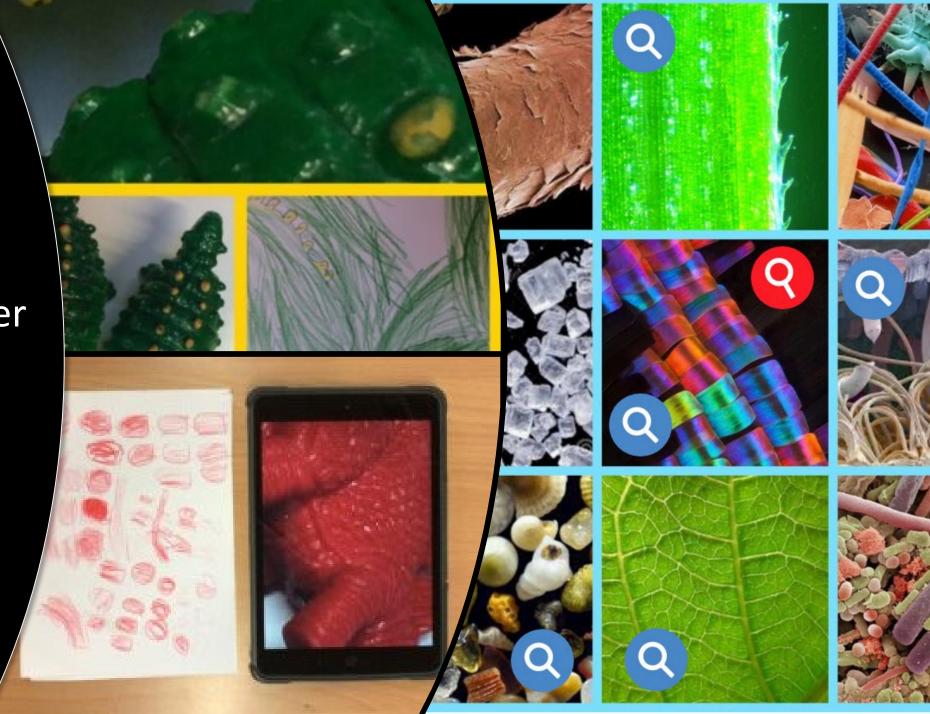


What if we could change size?

Taking a closer look

Built in magnifier

Thinglink



# Design projects

- Greenscreen by Dolnk
- Google AR Animals





### Technology transforming learning

