



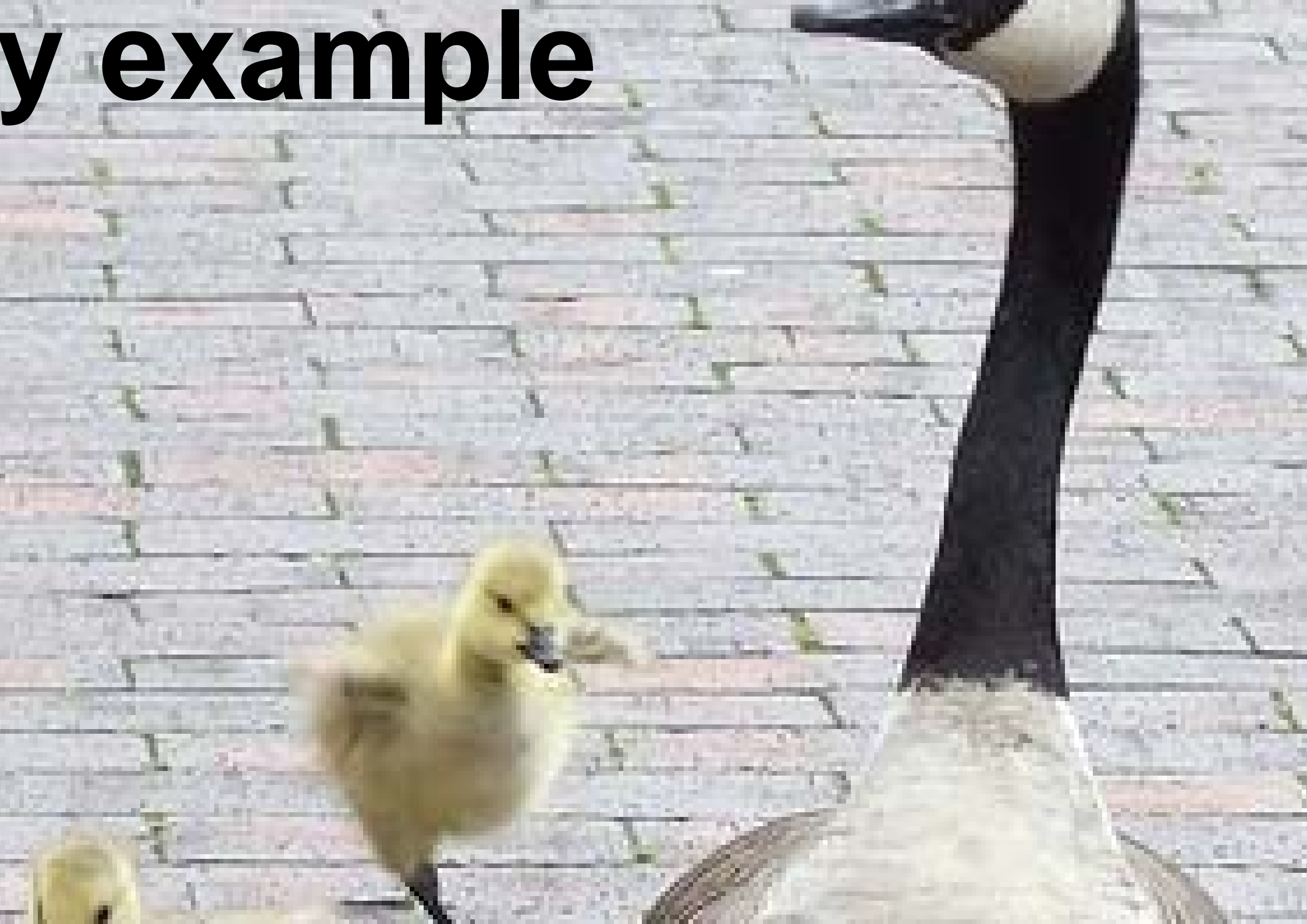
# SCUOLADIGITALE

## LIM

### Cambiare gli scenari Giovanni Biondi

*usually* **teacher explains**

y example



**but at school**



teacher mostly  
**explains**



A man with dark, wavy hair, wearing a white dress shirt and a dark blue striped tie, is pointing his right index finger towards a whiteboard. He is looking directly at the camera with a slight smile. The background is a blurred office setting with a window showing a cityscape. The text "a text" is overlaid in the center of the image.

**a text**

A man with dark, wavy hair, wearing a light blue dress shirt and a blue and white striped tie, is seated at a wooden desk. He is holding a silver pen in his right hand and is in the process of writing on a white notepad. His left hand rests on a stack of papers, including one with a pink floral pattern. On the desk in front of him are several colored markers (blue, red, green) and a green binder. To his left, there is a clear plastic organizer with various office supplies. The background features a large, dark chalkboard mounted on a wooden frame. The text "by a text" is overlaid in a large, white, bold, sans-serif font across the center of the image.

**by a text**

on a text

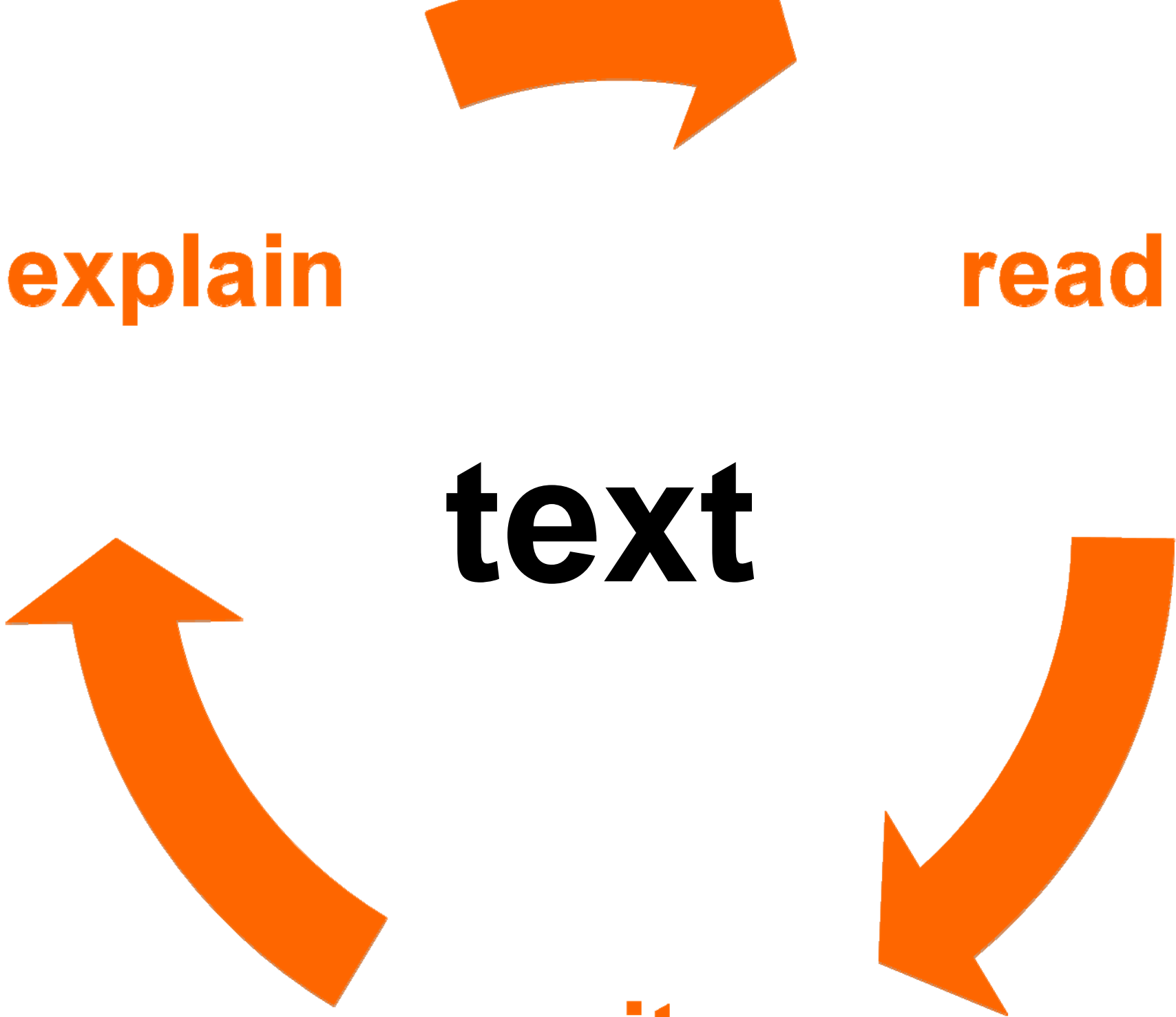


**explain**

**read**

**text**

**write**

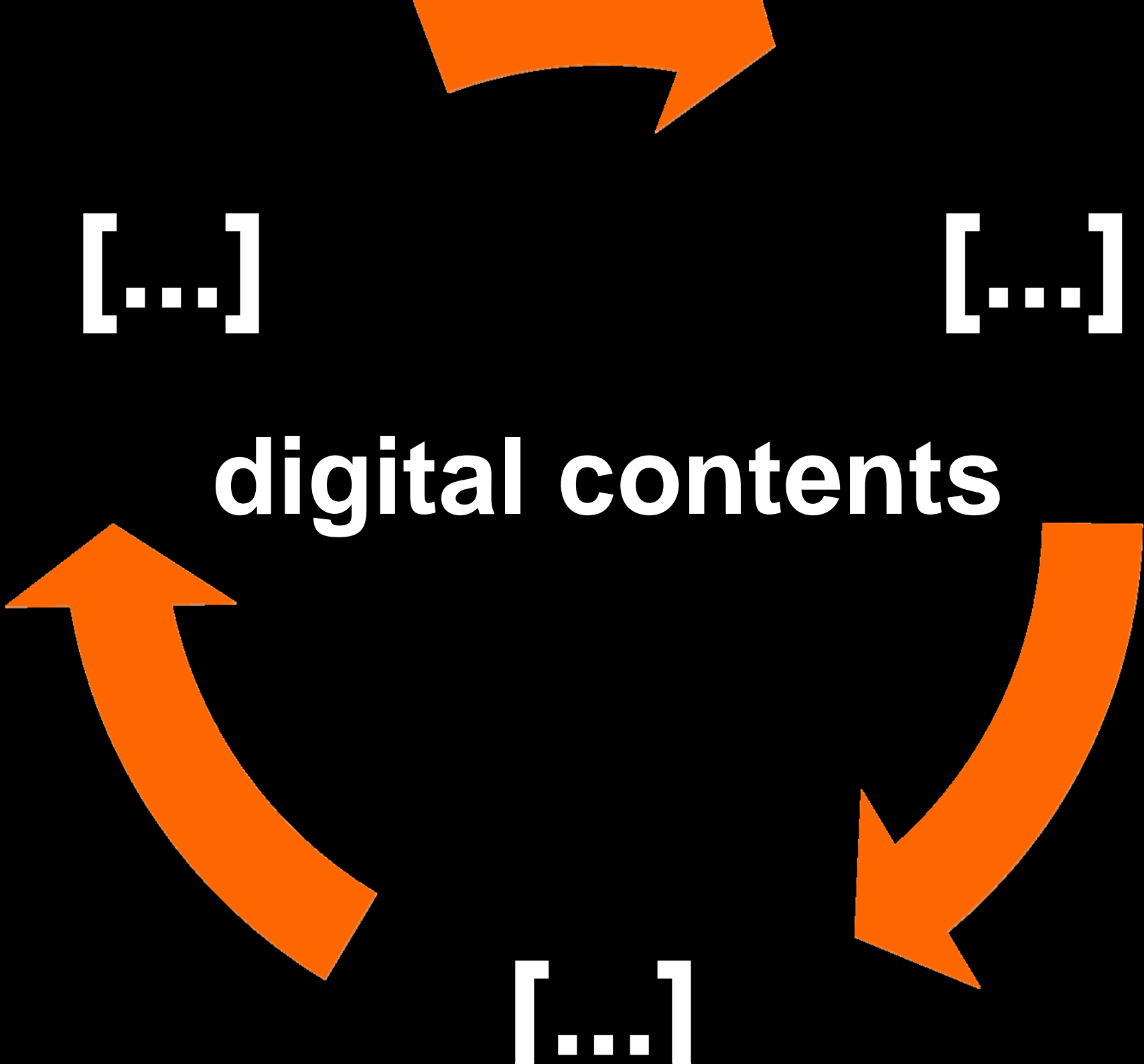


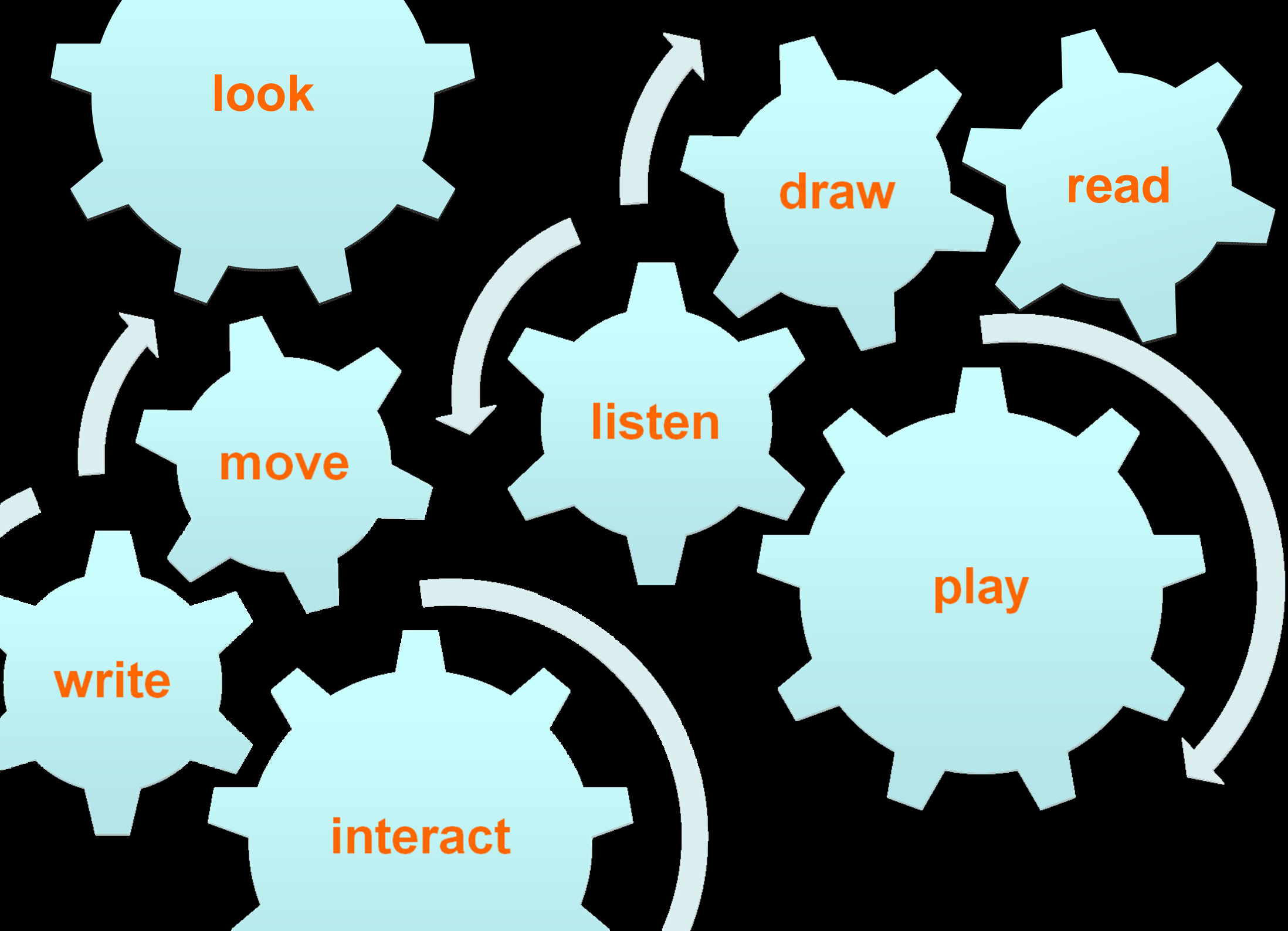
[...]

[...]

**digital contents**

[...]



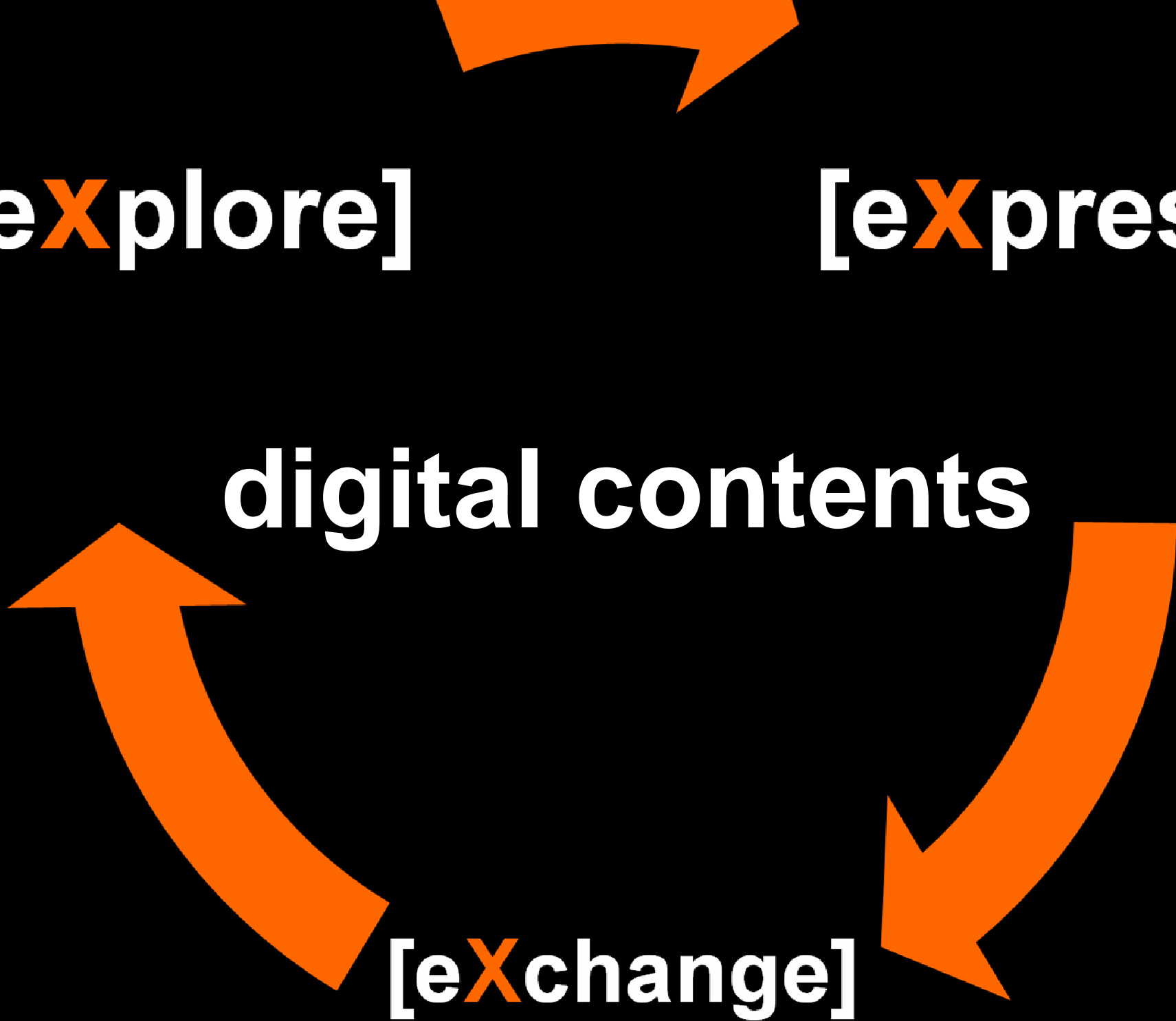


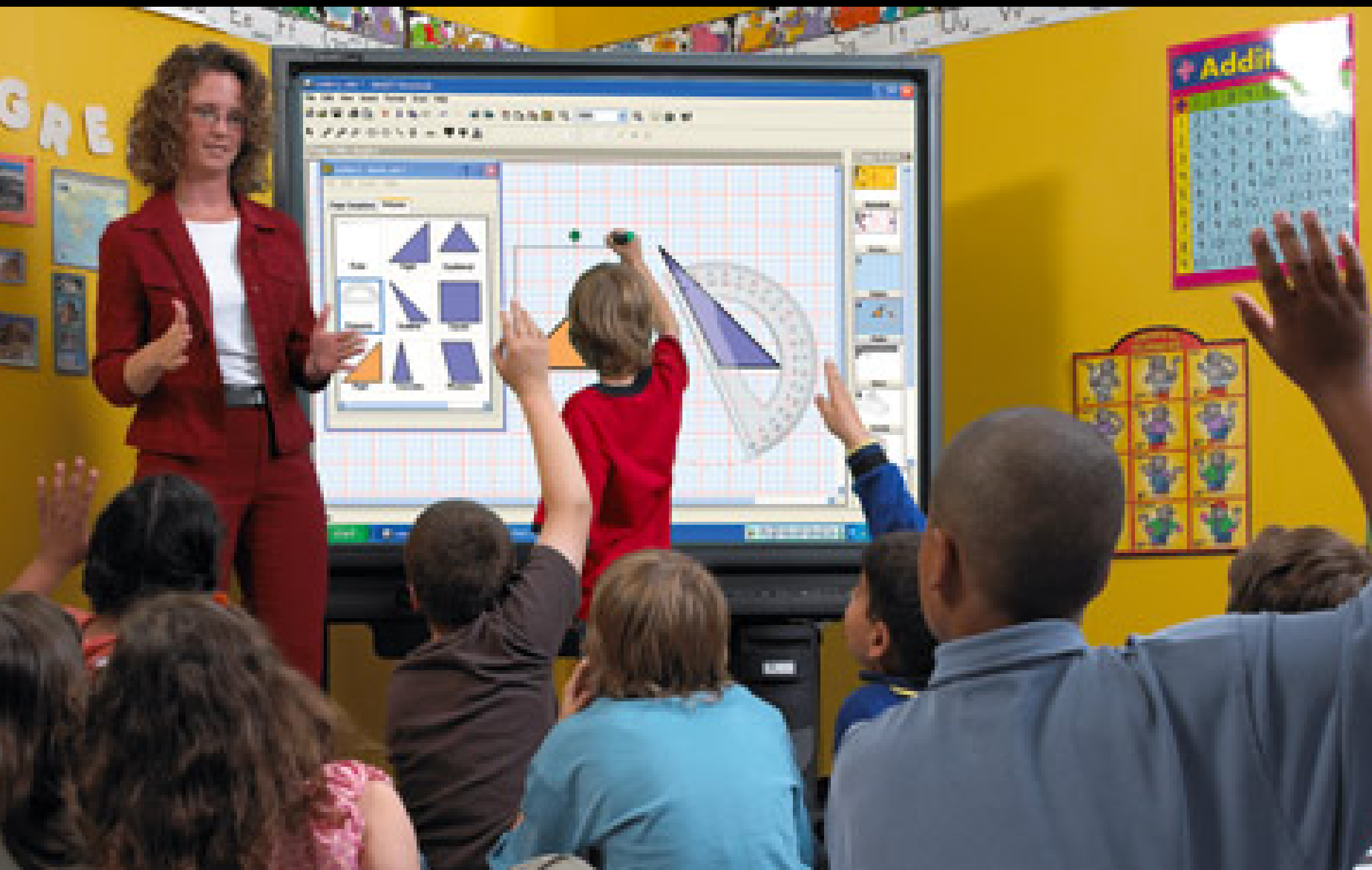
[eXplore]

[eXpress]

digital contents

[eXchange]

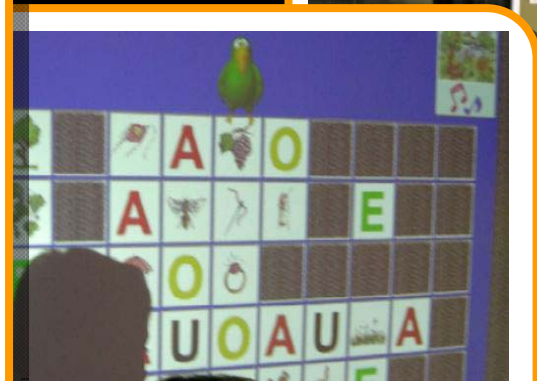
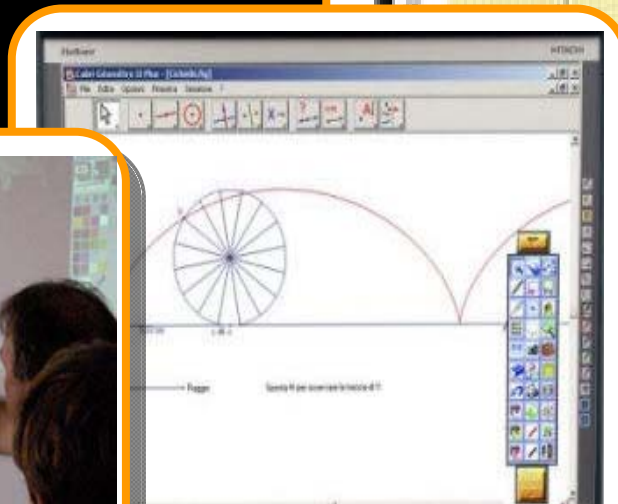
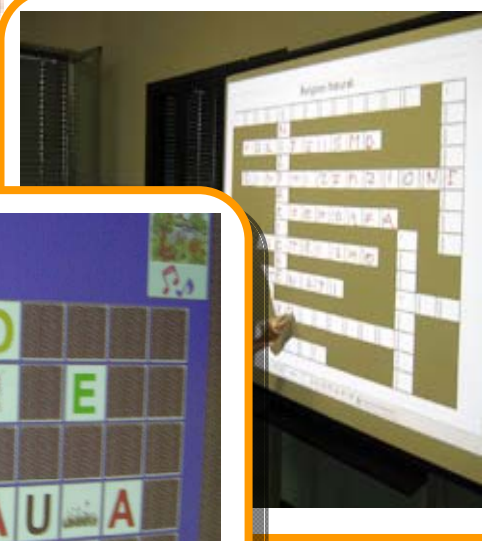






con una **LIM** si possono utilizzare  
direttamente i documenti  
per **costruire le conoscenze**.

E' una superficie di  
**montaggio delle conoscenze.**



## Chapter 7

### Molecular Geometry and Electron Domain Theory

#### 1 Introduction

In chapter 6 we learned about the VSEPR model for predicting molecular geometry. In this chapter we will learn about the Electron Domain Theory (EDT) model for predicting molecular geometry. EDT is a more general model than VSEPR and can be used to predict the molecular geometry of molecules with more than one central atom. EDT is based on the idea that electron domains (EDs) repel each other and that the molecular geometry is determined by the arrangement of these EDs around the central atom.

*\* Double = stronger!*

#### Molecular Geometry

#### 2 Goals

By the end of this chapter, you should be able to:

- Identify the number of electron domains in a molecule or ion.
- Predict the molecular geometry of a molecule or ion based on the number of electron domains.
- Explain the relationship between molecular geometry and bond angles.



A digital environment to support

«E nessuno versa vino nuovo in otri vecchi  
altrimenti il vino spaccherà gli otri  
e si perdono vino e otri  
ma vino nuovo in otri nuovi»

[Marco 2:22]

**no one puts new wine into old wineskins  
otherwise the wine will burst the skins  
and the wine is lost and the skins as well  
new wine calls for new wineskins**

**[Mark 2:22]**