

# Tahapan Pemanfaatan Teknologi



# Conventional Vs Tech-Based Teaching

**THE  
SAMR  
MODEL**  
(Puentedura, 2014)

**REDEFINITION**

**MODIFICATION**

**AUGMENTATION**

**SUBSTITUTION**

**TRANSFORMATION**

**ENHANCEMENT**

# Teacher Technology Skills

## Mechanical

Focus on form than function



## Meaningful

Can think of alternative ways



## Generative

Understand the contextual  
implication of technology



# Five stages of Evolution

## Entry Stage

use of technological resources was simple and limited

## Adoption Stage

they become more focus on the functions of technology

## Adaption Stage

observe improved efficiency of the instructional process and notice changes in student learning and engagement

## Appropriation and invention

teachers become more creative in using technology to accomplish real task



CIRI CIRI MAKHLUK HIDUP || KELAS 3 SD MATERI IPA TEMA 1 SUBTEMA 1




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**Membuat Materi  
interaktif dengan  
teknologi sederhana**

<https://learningapps.org/>

# Merancang Lingkungan Belajar



**1**

Menentukan tujuan pembelajaran



Saya ingin siswa saya dapat.....



**2**

Mengidentifikasi kebutuhan/kondisi siswa



Siswa saya membutuhkan.....



**3**

Merancang kegiatan pembelajaran yang sesuai dengan tujuan



Agar siswa saya dapat.... mereka perlu.....



**4**

Menentukan media/ alat teknologi



Aplikasi teknologi yang saya perlukan adalah....

DESAINER

