

Lesson Plan Template

Name	Hari Kurniawan, S.T.		
Lesson	Applied Circuit Electronic	Class Length	2 x 45''

Stage 1- Desired Results

Goal: (This refers to the end result of the unit that includes this lesson.)
Students are expected to be able to show the difference between sensor and transducer in electronic circuits, according to their type and function.

Knowledge:
 What knowledge will students gain as a result of this lesson? (What will students know?)

 Students know the explanation and difference about sensor and transducer at once with the function

Skills:
 What skills will students gain as a result of this lesson? (What will students be able to do?)

 Student be able to show which one sensor component and which one transducer

Objective or Learning Target: (This refers to the end result of this lesson.)
Students could define, mention it, and differentiate sensor and transducer component
Students could Applied sensor and transducer component to electronic circuit

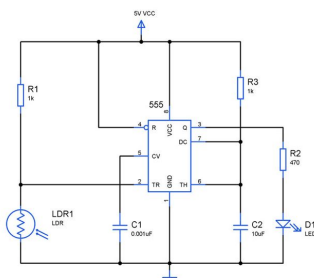
State Standard: (Standards addressed during the lesson.)
 Competence or not competence

National Quality Online Standards:
 Standard A(A1), Standard H (H1)

Stage 2- Assessment Evidence

Performance Task: (authentic assessment)

1. Student show the symbol from each sensor and transducer component
2. Make Differences about sensor and transducer components.
3. Teachers give instruction to choose where components in electronics circuit that are



sensor or transducer. (Ex . 555 Multivibrator circuit can be recreated to be a light sensor , audio sensor, touch sensor etc, depending on the watch component they use).

Other Evidence: (evidence to show students have meet desired results from established goals)

1. All sensor component are transducer component
2. All transducer component like energi transducer identified and applied in electronic circuit

Stage 3- Learning Plan

Time	Learning Task Name	Learning Task Procedures	Assessment of Learning
Min.	Name of the learning experience	Bullet point the process you will follow in order to implement this learning task. LMS like elearning.smkntempursari.sch.id etc	How will you assess the task to know students have met desired outcomes?
	Lesson Opening <i>What is the learning task you will use to activate prior knowledge and engage students (Warm up or Anticipatory Set)</i>	<input type="checkbox"/> Synchronous <input checked="" type="checkbox"/> Asynchronous 1. Giving instruction in Whats app about whats today learning 2. Students watch presentations/ word art first introduction.then do in pre assignment to know how well he knows about sensor and transducer components. 3. make engage with student, about zoom meet	<input type="checkbox"/> Synchronous <input checked="" type="checkbox"/> Asynchronous Student do the pre assignment in google form
	Focus Instruction (I do)	<input checked="" type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous Teachers give instruction from Whats app to open google form , do the pre assignment, and then show material to be read.	<input checked="" type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous Cognitif , by check the last opening message in whatsapp
	Guided Instruction (We do)	<input checked="" type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous Giving instruction from VC Whats app or zoom, doing post assignment. an engage student for tomorrow practical	<input checked="" type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous kognitif , by cek last opening message in whatsapp, and attendance online
	Collaborative Learning (You do together)	<input checked="" type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous Ill show where is sensor and tranduser component with the function, student giving attention from zoom, and take feedback	<input type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous -check online attendanceand feedback respons from student.
	Independent Learning (You do alone)	<input type="checkbox"/> Synchronous <input checked="" type="checkbox"/> Asynchronous Students take the quiz and I'll Check Quizizz and add a comment/score message in whats app group. Although they not fully participate	<input type="checkbox"/> Synchronous <input checked="" type="checkbox"/> Asynchronous Learn about online attendance
	Lesson Closure <i>How will you ensure that what you taught connects to yesterday and tomorrow for students?</i>	<input type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous - Make agenda and reschedule every appointment - Make a google form, to analyze their competence	<input type="checkbox"/> Synchronous <input type="checkbox"/> Asynchronous Post test, with quizizz Post Test Attend

Materials Needed:

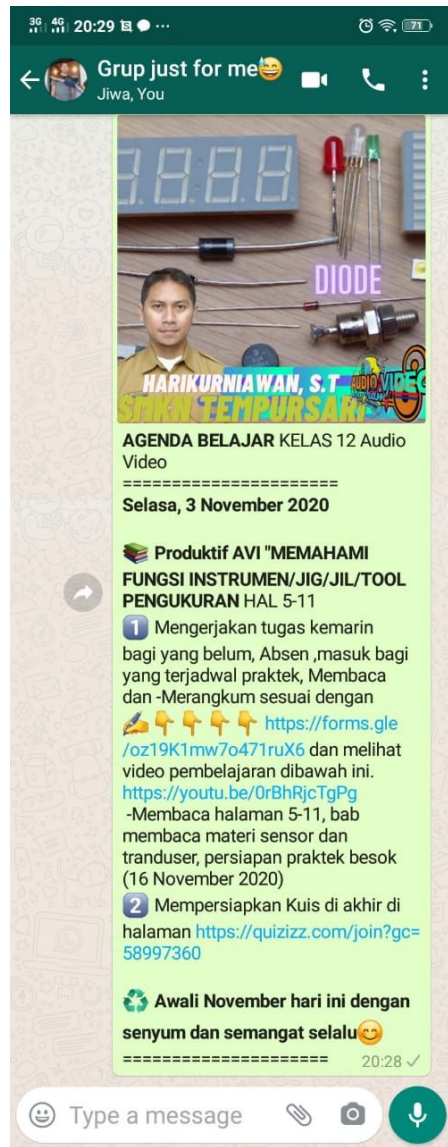
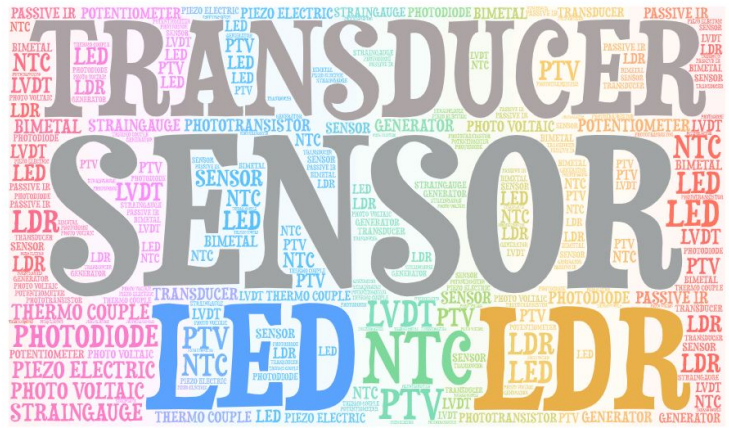
Electronic and engineering modul PPPPTK "Applied electronic circuit" in [Pembelajaran 1. KOmponen Sensor dan Tranduser.pdf](#)
 Modul presentation for K12 about Applied Electronic circuit

The Material lesson

pressignment (google form)

Pembelajaran 1. KOMPONEN Sensor dan Transduser

1. Jelaskan definisi sensor dan transduser!
2. Sebutkan persyaratan umum sensor dan transduser!
3. Sebutkan jenis sensor dan transduser!
4. Jelaskan klasifikasi sensor dan transduser!
5. Jelaskan macam macam sensor dan transduser!
6. Jelaskan klasifikasi sensor dan transduser berdasarkan fungsinya!



Giving Instruction
LEARNING AGENDA
CLASS 12
Audio Video

Tuesday, 3 November 2020 Productive AVI

"UNDERSTANDING THE FUNCTIONS OF MEASUREMENT INSTRUMENTS / JIG / JIL / TOOL PAGE 5-11 Doing yesterday's assignments for those who haven't, Absent, entering for those who are scheduled to practice, reading and summarizing according to <https://forms.gle/oz19K1mw7o471ruX6> and see the learning video below. <https://youtu.be/0rBhRjcTgPg> -Reading page 5 -11, reading chapter on censorship and transducer material, preparation for tomorrow's practice (16 November 2020) Preparing the Quiz at the end on the page <https://quizizz.com/join?gc=58997360> Start November today with a smile and always enthusiasm

