**List of Material for Experiments SIW2**

General material list:

* Computer
* Remote control
* Projector
* Screen
* Extension cable
* White board
* White board pens
* White board scale
* White board triangle
* Hand towel
* Bucket with clean water
* Bucket for waste water
* Box for dry waste
* Stand for experiments
* 2 pointer stick
* Plain A4 paper
* Room darkening (black curtains)
* Power-supply (Generator)
* Stone-plate
* Masking tape
* Toilet paper
* Pencil

**Senses**

* n/2 scales 30 cm
* n toothpicks
* Masking tape

**Smell/Taste**

* Masking tape
* 20 plastic pipettes
* 16 small bowls e.g. bottom part of PET bottle or drinking glasses
* 8 small plastic bowls with lid
* N magnifier
* N torchlights
* Felt pen
* Battery acid or sulphuric acid
* Lemon juice from fresh lemon in a colourless drinking glass
* Strong black tea in a colourless drinking glass
* Tap water in a colourless drinking glass
* Various eatable and drinkable food and drinks, what is available on the market

**Repetition Physics SIW1 and Refraction**

* Pointer stick
* Candle + matches + stone-plate
* Red laser
* Big mirror (Size A5)
* Incense sticks
* Torch
* White paper
* Laser + mirror
* Glass filled with water
* Spoon
* 2.5.litter PET bottle part of side cut out filled with water,
* Little mirror
* 2 small logs of wood
* Few drops of milk
* Stand with prism

**Pin Hole Camera and Lens**

* Pin hole camera, prepared with different holes
* Stand with one electro spot lamp/candle
* Matches
* Transformer
* 1 lens (Magnifiers)
* N lenses (Magnifiers) for students
* N candles
* N carton plate
* N match-boxes
* White paper
* Masking tape

**Eye**

* n pencils
* N torchlights
* n anaglyph eyeglasses
* 2\*N magnifier
* N holder-plate
* N stereo photos
* Masking tape
* VR glasses and smartphone with stereo movie

**Vibrations**

* Pointer stick
* Scale 30 cm
* Rubber band over box
* Soft spring
* Ball of Plasticine
* Stand
* 1.5 m String
* Tennis ball
* Drum
* Tuning fork
* Rubber band over box
* Crystal glass (wine glass) with water
* PET Bottles of different sizes + big PET bottle filled with water
* Balloons
* Flute
* Scale on table
* Bell

**Waves**

* Pointer stick
* Very big cover of a large pot from the kitchen (Diameter > 1m
* Bottle of water
* Little pebble (gravel)
* Crumpled piece of paper or wooden piece (size < 1 cm) as wave indicator
* Glass filled with water
* Tuning fork
* Spring Pendulum: Soft spring, Ball of Plasticine, Stand
* A4 paper
* Masking tape
* 4 - 5 m long very flexible rope
* Two 0,5 dl PET bottles
* 1 candle
* Stone-plate or brick
* Matches
* White paper
* Stand
* Drum membrane
* Drumstick from monastery
* Small piece of aluminium foil and sewing thread
* Dry grainy sugar or salt
* Loudspeaker and player (smartphone)
* Two pieces of tiny wooden boards

**Ear**

* 2m PVC hose approx. 1 to 1.5 cm diameter
* Hammer or stone
* Computer sound generator app
* Computer sound analyse app
* String phone with plastic cups