## Contents

The Effect of Predict-Observe-Explain (POE) Strategy on Students' Conceptual Mastery and Critical Thinking in Learning Vibration and Wave Dandy Furqani, Selly Feranie, Nanang Winarno 1-8

An Action Research on Enhancing Grade 10 Student Creative Thinking Skills using Argument-driven Inquiry Model in the Topic of Chemical Environment Pitukpong Kumdang, Sirinapa Kijkuakul, Wipharat Chuachuad Chaiyasith 9-13

Using Science, Technology, Society, and Environment (STSE) Approach to Improve the Scientific Literacy of Grade 11 Students in Plant Growth and Development Kultida Chanapimuk, Sureeporn Sawangmek, Pranee Nangngam 14-20

Interactive E-Module Development through Chemistry Magazine on Kvisoft Flipbook Maker Application for Chemistry Learning in Second Semester at Second Grade Senior High School Roza Linda, H Herdini, Ika Sulistya S, Teja Pratama Putra 21-25

The Effect of STEAM-based Learning on Students' Concept Mastery and Creativity in Learning Light and Optics

Gita Ayu Wandari, Agus Fany Chandra Wijaya, Rika Rafikah Agustin 26-32

## The Office of Journal of Science Learning

Room S-201 FPMIPA A Building Universitas Pendidikan Indonesia Jl. Dr. Setiabudi 229 Bandung 40154 West Java, Indonesia

