PERBANDINGAN KEMAMPUAN PENYUSUNAN STRUKTUR MATERI SUBJEK FOTOSINTESIS GURU BIOLOGI PEMULA DAN GURU BERPENGALAMAN

ABSTRAK

Materi subjekfotosintesis yang disajikan guru kepada siswa merupakan hal penting dalam pembelajaran sehingga harus terstruktur dan berurutan. Penelitian ini dilakukan untuk mendeskripsikan kemampuan penyusunan skema penyajian materi fotosintesis guru pemula dan guru berpengalaman ditinjau dari jumlah konsep, kesesuaian konsep dengan skema rujukan serta keterkaitan konsep. Metode deskriptif teknik *purposive sampling* dilakukan terhadap subjek sepuluh guru pemula dan guru berpengalaman. Data diperoleh melalui skema materi guru, dilanjutkan wawancara semi-terstruktur. Rata-rata jumlah konsep yang dibuatguru pemula maupun guru berpengalaman adalah 26, hal ini menunjukkan pemahaman konten yang baik karena telah mendekati 27 konsep yang diharapkan. Kesesuaian skema guru pemula 73% dan guru berpengalaman 66%, artinya guru mampu menyajikan konsep lengkap dan beraturan sesuai 27 konsep yang diharapkan. Kesesuaian keterkaitan konsep guru pemula 64,1% dan guru berpengalaman yaitu 61,7%, skema guru menguraikan hirarki-hubungan konsep yang baik dari 34 keterkaitan konsep yang diharapkan. 5 guru pemula dan 6 guru berpengalaman mampu menyajikan urutan konsep secara akurat sesuai skema rujukan.

Kata kunci: Skema penyajian materi, fotosintesis, guru pemula, guru berpengalaman, kesesuaian konsep, keterkaitan konsep, urutan konsep.

COMPARISON OFABILITY PREPARATION PHOTOSYNTHESISSUBJECT MATTER STRUCTURE OF BIOLOGY INSERVICETEACHER AND EXPERIENCED TEACHER

ABSTRACT

Photosynthesis subject matter teachers presented to the student is important in learning and should be structured and sequential. This study was conducted to describe the ability of the preparation of schematic presentation of the material photosynthesis inservice teachers and experienced teachers in terms of the number of concepts, conformity with the concept of referral scheme and the relation concept. Descriptive method using purposive sampling carried out on ten subjects inservice teachers and experienced teachers. Data obtained through the scheme of teacher materials, semi-structured interviews followed. The average number of concepts created inservice teachers and experienced teachers is 26, this shows a good understanding of the content because it has approached 27 concept expected. Suitability scheme inservice teachers 73% and experienced teachers 66%, meaning that the teacher is able to present a complete and uniform concept corresponding of 27 draft expected. Suitability linkage concept 64.1% of inservice teachers and experienced teachers is 61.7%, the scheme outlines the hierarchy of teacher-relationship concept better than expected 34 linkage concept. 5 inserviceteachers and 6experienced teachers are able to present order to accurately fit the concept of referral scheme.

Keywords: Schematic presentation of the material, photosynthesis, inservice teachers, experienced teachers, the suitability of the concept, the concept of linkage, the order of the concept.