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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Dersin Adı** | | **Kodu** | **Yarıyıl** | **T+U** | **Kredi** | **AKTS** | | **Okul Öncesi Matematik Eğitimi** | |  | 3 | 2+0 | 2 | 3 | | Ön koşul Dersler |  | | | | | | | Dersin Dili | Türkçe | | | | | | | Dersin Türü | Alan Seçmeli | | | | | | | Dersin Koordinatörü |  | | | | | | | Dersi Veren |  | | | | | | | Dersin Yardımcıları |  | | | | | | | Dersin Amacı | Okul Öncesi Matematik Eğitimi dersi, çocuk gelişimi öğrencilerine matematik becerilerinin gelişimi ilgili bilgi sahibi olma ve gelişim özelliklerine uygun etkinlik planlama becerilerini kazandırmayı amaçlar. | | | | | | | Dersin Öğrenme Çıktıları | Bu dersin sonunda öğrenci;   1. Çocukluk döneminde matematik becerilerinin gelişimini kavrar. 2. Çocukluk döneminde matematik becerilerini geliştiren yaklaşımları bilir. 3. Çocukluk döneminde matematik etkinlikleri planlar. | | | | | | | Dersin İçeriği | Okul öncesinde matematiksel düşünmenin yeri ve önemi, sınıfta matematik merkezinin hazırlanması, matematik kavramları ve eğitimi, programda yer alan diğer aktivitelerle matematik eğitimi, matematiksel düşünmenin gelişimi ile ilgili yaklaşımlar - stem ve gems, etkinlik planlarıı hazırlama. | | | | | | | **Haftalar** | **Konular** | | | | | | | 1 | Dersin tanımı. Temel kavramlar | | | | | | | 2 | Matematiksel düşünmenin yeri ve önemi | | | | | | | 3 | Sınıfta matematik merkezinin hazırlanması | | | | | | | 4 | Matematik kavramları ve eğitimi: Sınıflama, karşılaştırma, eşleme | | | | | | | 5 | Matematik kavramları ve eğitimi: Sıralama, sayı kavramı | | | | | | | 6 | Matematik kavramları ve eğitimi: Uzaysal kavram, geometrik şekiller | | | | | | | 7 | Ölçme çalışmaları ve grafikler ile matematik eğitimi | | | | | | | 8 | Programda yer alan diğer aktivitelerle matematik eğitimi | | | | | | | 9 | Matematiksel düşünmenin gelişimi ile ilgili yaklaşımlar - STEM | | | | | | | 10 | Matematiksel düşünmenin gelişimi ile ilgili yaklaşımlar - STEM | | | | | | | 11 | Matematiksel düşünmenin gelişimi ile ilgili yaklaşımlar - GEMS | | | | | | | 12 | Matematiksel düşünmenin gelişimi ile ilgili yaklaşımlar - GEMS | | | | | | | 13 | Etkinlik planlarının sunumları | | | | | | | 14 | Etkinlik planlarının sunumları | | | | | |  |  | | --- | | **Genel Yeterlilikler** | | Öğrencilerden bu dersin ana konularını anlamaları ve alanları ile uygulamalarında kullanmaları beklenir. | | **Kaynaklar** | | Aktaş Arnas, Y. (2010). *Okul öncesi dönemde matematik eğitimi*. Adana: Nobel Kitabevi. | | **Değerlendirme Sistemi** | | Dönem başında ders izlencelerinde belirtilir. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PROGRAM ÖĞRENME ÇIKTILARI İLE**  **DERS ÖĞRENİM ÇIKTILARI İLİŞKİSİ TABLOSU** | | | | | | | | | | | | | | | | |  | **PÇ1** | | **PÇ2** | **PÇ3** | | **PÇ4** | **PÇ5** | | **PÇ6** | **PÇ7** | | **PÇ8** | **PÇ9** | | **PÇ10** | | **ÖÇ1** | 5 | | - | - | |  | - | | - | - | | - | - | | - | | **ÖÇ2** | 5 | | 4 | - | | - | - | | - | - | | - | - | | - | | **ÖÇ3** | 3 | | - | 3 | | 5 | - | | - | - | | - | - | | - | | **ÖÇ: Öğrenme Çıktıları PÇ: Program Çıktıları** | | | | | | | | | | | | | | | | | **Katkı**  **Düzeyi** | | **1 Çok Düşük** | | | **2 Düşük** | | | **3 Orta** | | | **4 Yüksek** | | | **5 Çok Yüksek** | |   Program Çıktıları ve İlgili Dersin İlişkisi   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Ders** | **PÇ1** | **PÇ2** | **PÇ3** | **PÇ4** | **PÇ5** | **PÇ6** | **PÇ7** | **PÇ8** | **PÇ9** | **PÇ10** | | **Okul Öncesi Matematik Eğitimi** | 5 | 3 | 2 | 4 | - | - | - | - | - | - | |