### Grade-Level Standard

**M.7.G.4** Know the formulas for the area and circumference of a circle, and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle

### DLM Essential Element

**M.EE.7.G.4** Determine the perimeter of a rectangle by adding the measures of the sides

### Linkage Levels

#### Initial Precursor:
- Recognize attribute values

#### Distal Precursor:
- Describe measurable attributes
- Recognize measurable attributes

#### Proximal Precursor:
- Explain length
- Explain perimeter

#### Target:
- Calculate the perimeter of a rectangle by counting unit lengths on a grid
- Calculate perimeter by adding all the side lengths

#### Successor:
- Use coordinates to calculate perimeters of polygons

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A diagram showing the relationship of nodes in the mini-map appears below.

**Key to map codes in upper right corner of node boxes:**

- **IP** Initial Precursor
- **SP** Supporting
- **DP** Distal Precursor
- **S** Successor
- **PP** Proximal Precursor
- **UN** Untested
- **T** Target
M.EE.7.G.4 Determine the perimeter of a rectangle by adding the measures of the sides