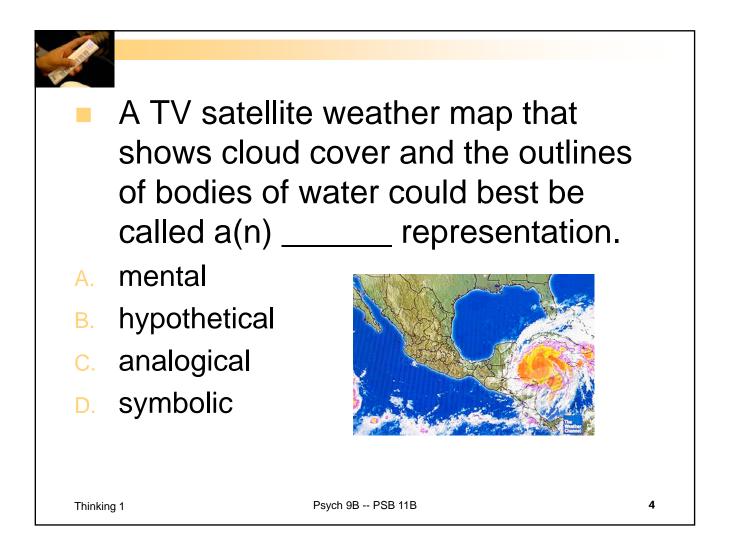
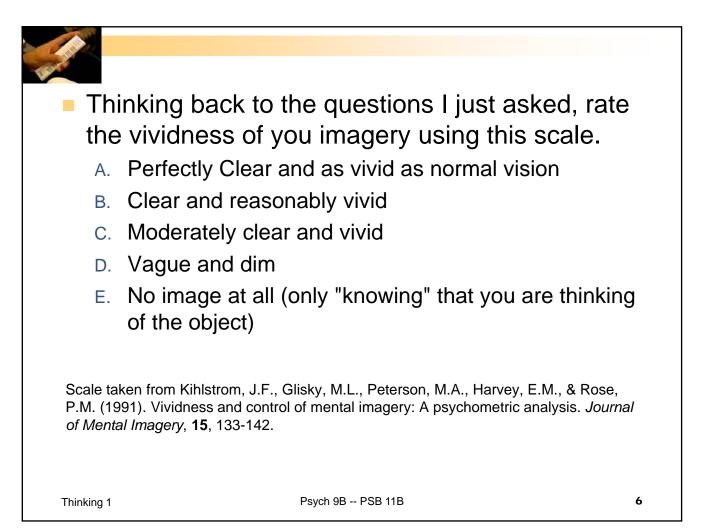


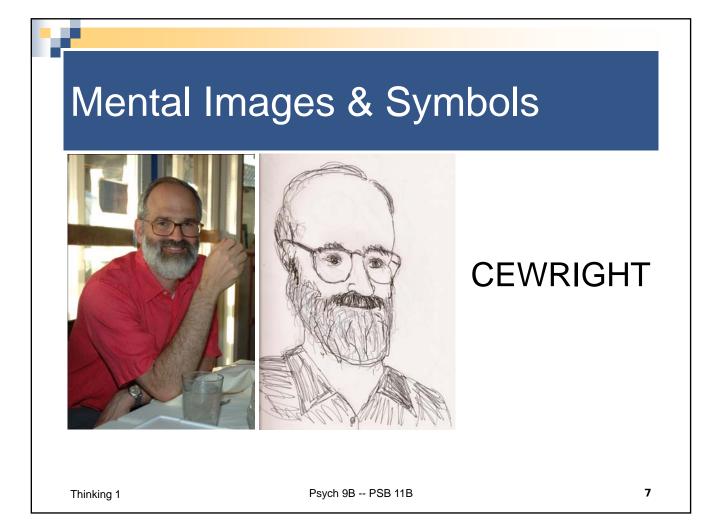
Two Imp	ortant Themes in the	eText
<ul> <li>extraore</li> <li>of comi</li> <li>unjustifi</li> <li>The natu</li> <li>what it is</li> <li>ideas</li> </ul>	are simultaneously capable dinarily high-quality thinking ng to conclusions that are cor ied and making choices that a ire of thought depends crit that thought manipulates w they are represented	npletely are foolish ically on
Thinking 1	Psych 9B PSB 11B	3

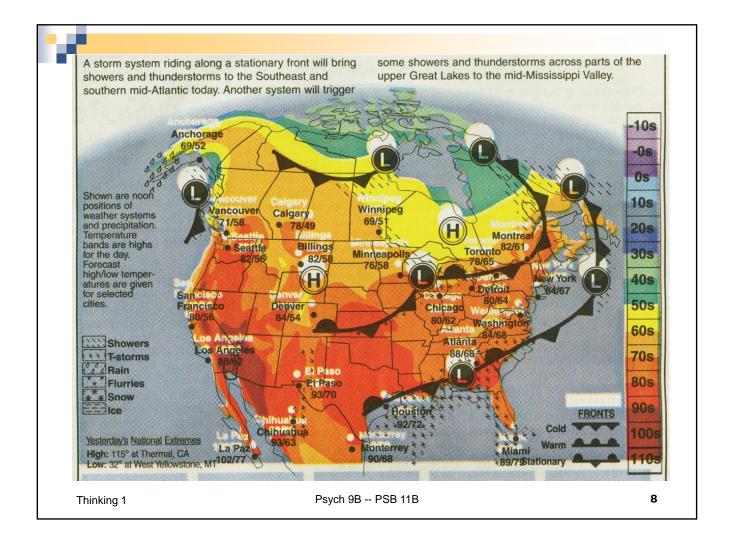


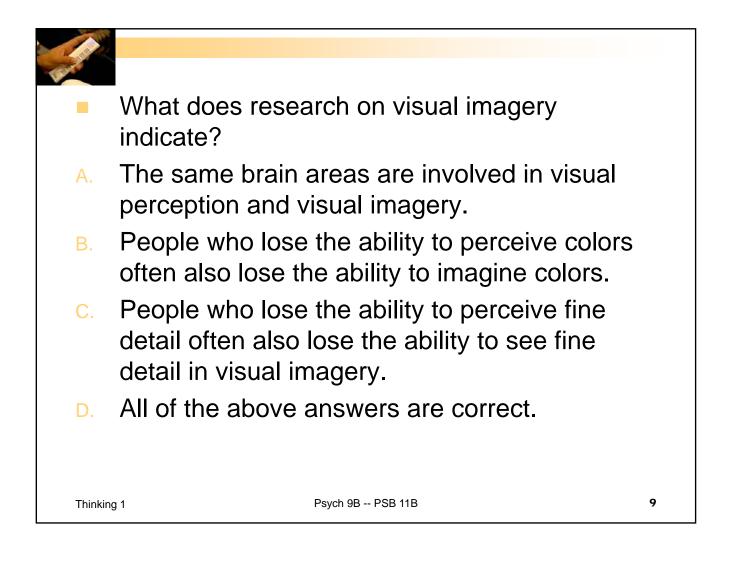
Mental Re	presentation	
•	ne mind, that stands for some ent or state of affairs	
Two broad c representation	lasses of mental	
Analogical	Example: Mental Images	
🗆 Symbolic	Example: Propositions	
Continuum n	ot a categorical distinction	
Thinking 1	Psych 9B PSB 11B	5

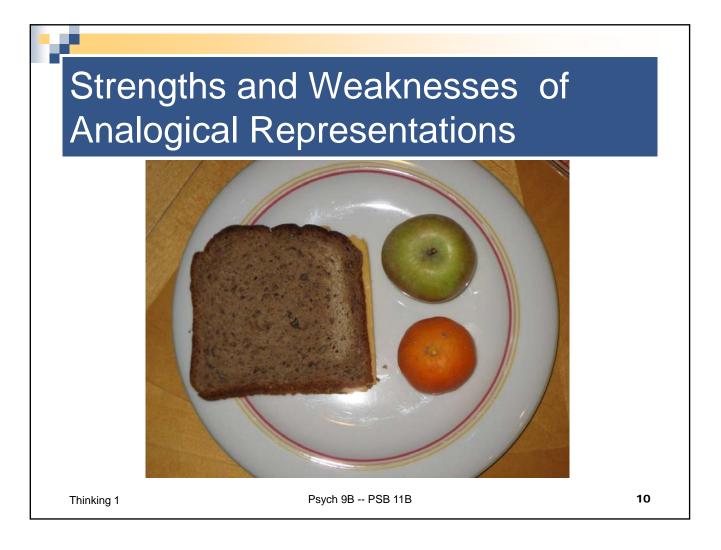
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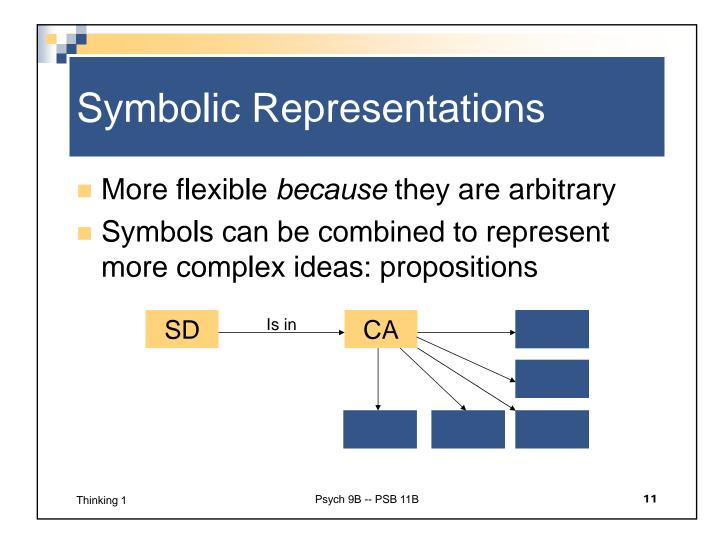


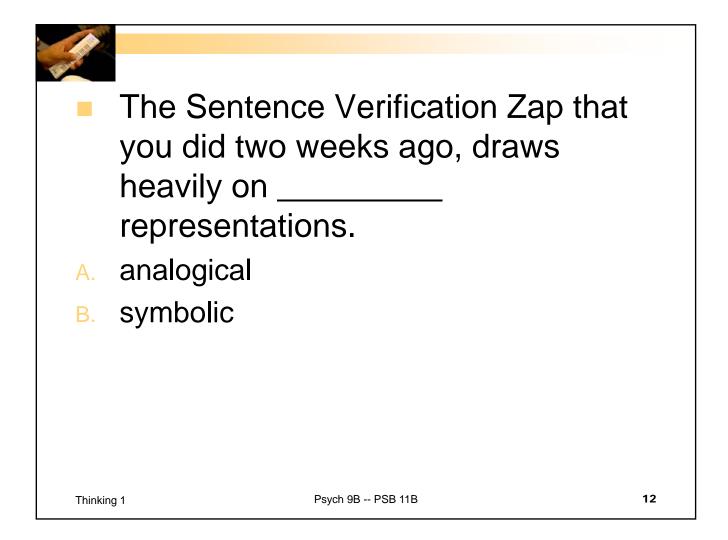


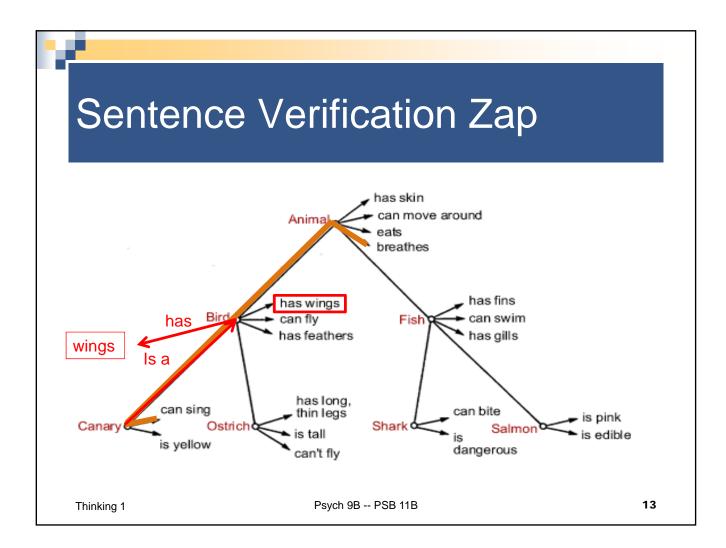


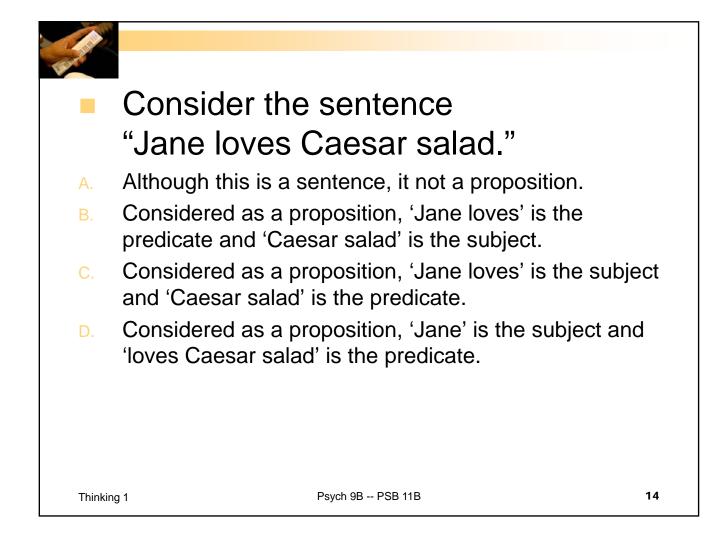


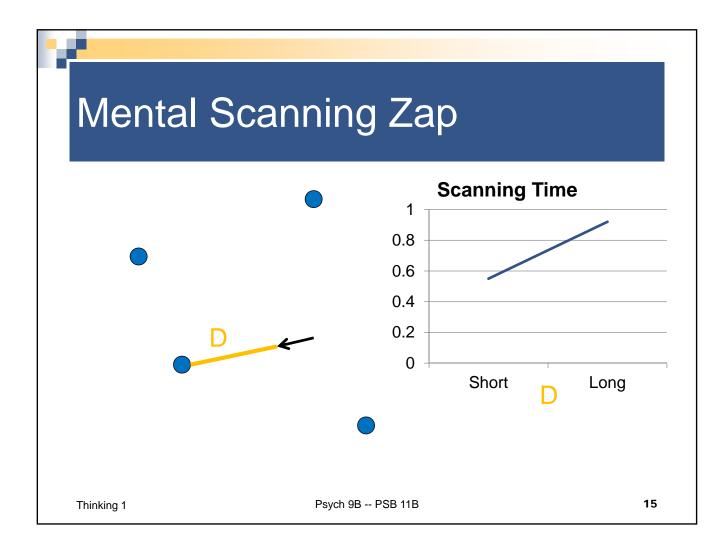


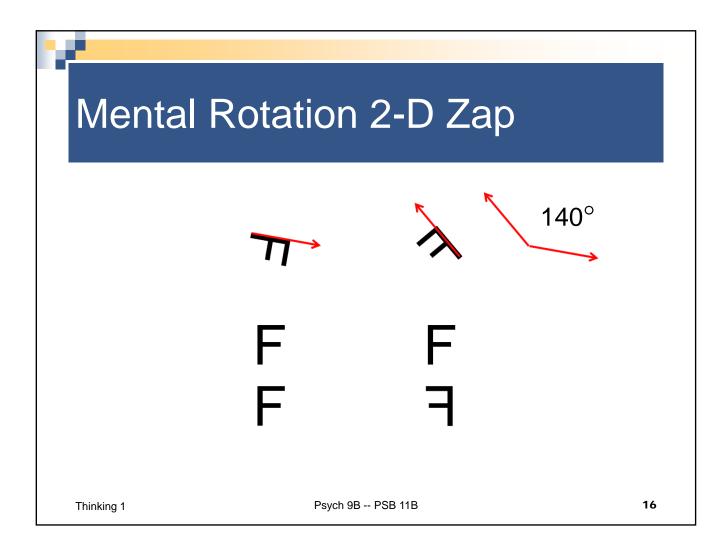


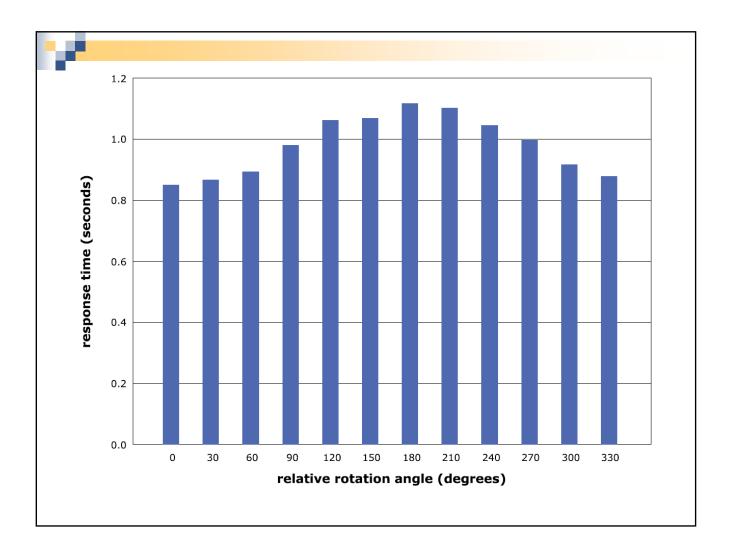






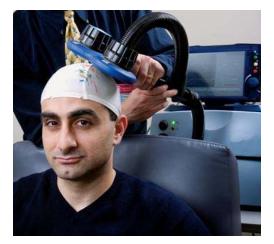






## Transcranial Magnetic Stimulation: TMS

- TMS uses electromagnetic induction to generate, from the outside, currents in the brain up to 1" from the coil
- The induced currents briefly disrupt (10 – 20 ms) normal neural signals
- TMS has been used to show that visual imagery and perception both depend on processing in visual cortex



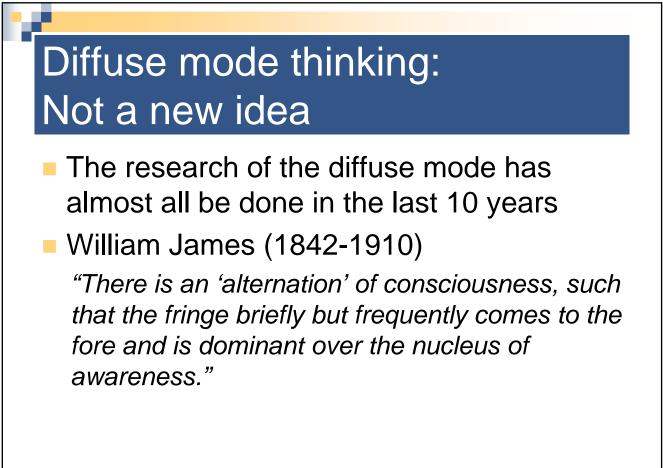
Thinking 1

Psych 9B -- PSB 11B

18

ľ	Summary: R	epresentations	
	<ul> <li>We represent</li> <li>analogically</li> <li>symbolically</li> <li>This distinction What we can to nature of the restance</li> </ul>		
	Thinking 1	Psych 9B PSB 11B	19

Overviev	N	
<ul> <li>mental activ</li> <li>Examples:</li> <li>Judgment - in</li> <li>Reasoning -</li> <li>Problem solv</li> <li>Decision mail</li> </ul>	king - weighing the costs and benefits of a decision directed thinking	
Thinking 1	Psych 9B PSB 11B	20



Thinking 1

Psych 9B -- PSB 11B

21

